Approved For Release 2002/08/12 DEN FIAT 78T05161A001600030001-9

CIA II	MAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	
Son Kinh Hwy. Bridge II Bridge No. 65 on NE 48-7	North Vietnam	18 11N - 106 10E XF 238 117	
DI MEC HOL OT OIL NA TO		BRIEF NO: PIB 65201	 25X [^]
MAP AMS 1,509 NE 48-7		November 1965	

O.3 nm W. of Son Kinh on unnumbered Route (off LA near 108)

DESCRIPTION:

width
TYPE

100' approx.

Deck

MATERIAL Steel, Wood
NO. OF SPANS 5
LENGTH OF EACH SPAN 20' approx.

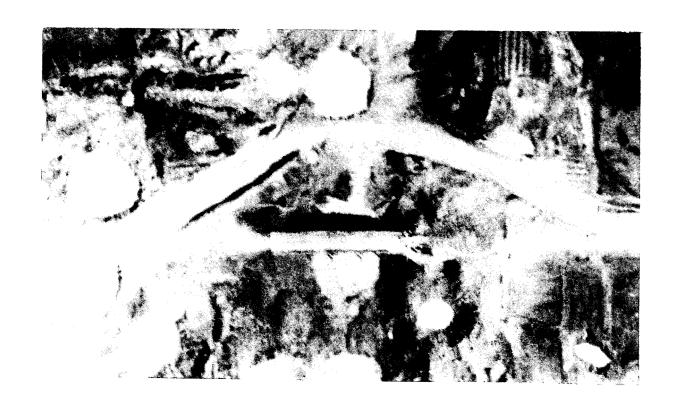
25X1

STATUS:

One span and one abutment damaged. Bridge serviceable to foot traffic.

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION COORDINATES NAME COUNTRY 18 11N - 106 11E Son Kinh Hwy. Bridge I XF 254 116 Bridge No. 64 on NE 48-7 North Vietnam BRIEF NO: 25X1 PIB 65202 November 1965 NE 48-7 LOCATION: O.1 nm E. of Son Kinh on Route 1A DESCRIPTION: Wood 60' approx. LENGTH MATERIAL NO. OF SPANS HTGIW 25X1 LENGTH OF EACH SPAN

20' approx.

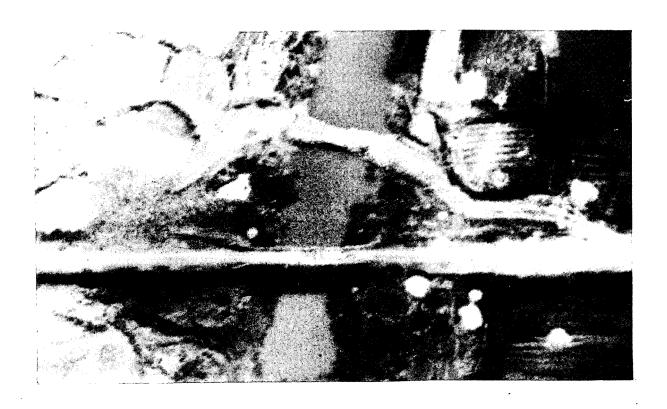
STATUS:

Slight damage to deck; bridge serviceable.

COMPENSATIVE ACTION:

Deck

Ford with culvert.



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CIA IN	AGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Pho Vi R.R. Bridge		21 26N - 106 21E
Bridge No. 4 on NF 48-11	North Vietnam	XJ 405 714
	•	BRIEF NO:
		PIB 65203
MAP AMS L509 NF 48-11		November 1965

2.2.nm S.W. of Pho Vi on Hanoi-Dong Dang Rail Line

DESCRIPTION:

WIDTH TYPE

LENGTH 100' approx.

10' approx.

Deck inverted truss

MATERIAL

Steel and concrete

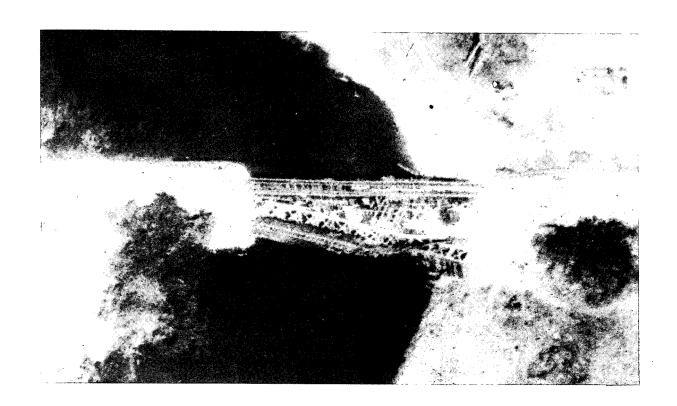
NO. OF SPANS

LENGTH OF EACH SPAN 100 approx.

STATUS:

Span destroyed. Abutments intact.

COMPENSATIVE ACTION: A 100 foot trestle bridge of steel and timber has been erected on the old concrete abutments. It has 5 spans (probable) and is 10 feet wide.



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25X1

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CI	A IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Kep Hwy. Bridge		21 26N - 106 17E
Bridge No. 5 on NF 48-11	North Vietnam	XJ 346 717
5X1		BRIEF NO:
		PIB 65204
MAP AMS L509 NF 48-	11	November 1965

LOCATION:

2.3 nm N. of Kep on Route LA

DESCRIPTION:

LENGTH WIDTH TYPE

200' approx.

MATERIAL CONCrete
NO. OF SPANS
LENGTH OF EACH SPAN

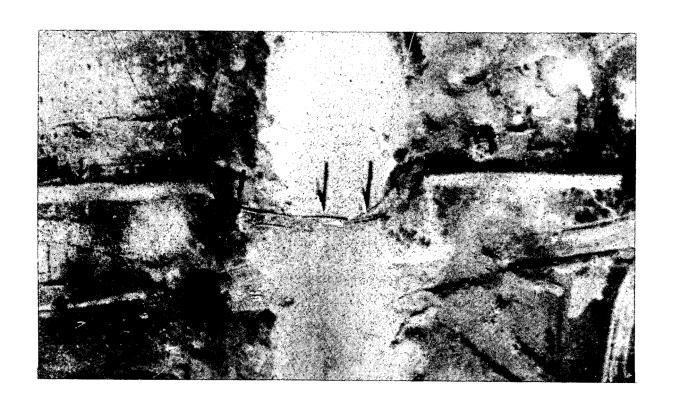
2-20' approx. 4-40' approx.

STATUS:

All spans destroyed. 2 piers destroyed. 3 piers and both abutments intact.

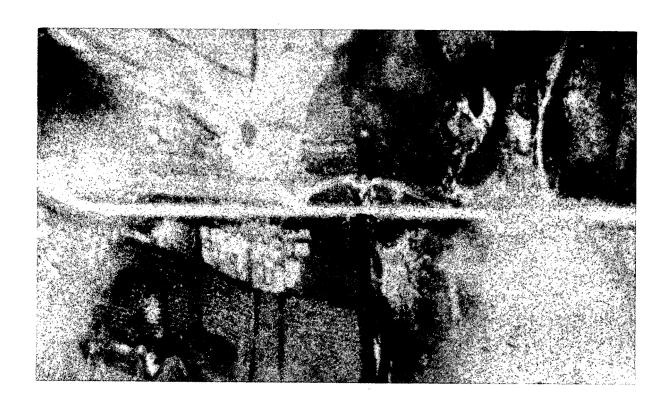
COMPENSATIVE ACTION: A Ford is located 80 feet from the bridge.

A ferry is being built 1500 feet from the bridge.



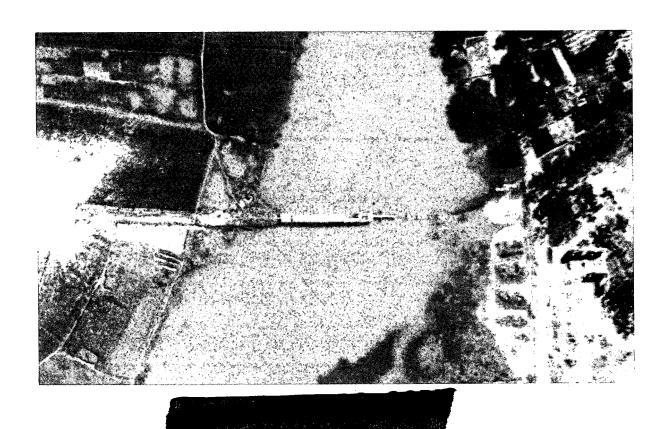
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	CIA IMAG	GERY ANALYSIS DIVISION	
•	Yen Hung Hwy.Bridge Bridge No. 48 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 106 19E XE 400 959
25X1	MAP AMS L509 NE 48~7	Tiof off vicorian	BRIEF NO: PIB 65205
•	LOCATION: 2.0 nm W.N.W. of Yen Hung	on Route 1A.	November 1965
25X1	LENGTH 50' WIDTH TYPE Deck	MATERIAL CONCRE NO. OF SPANS 2 LENGTH OF EACH SPAN 2	
	status: Repaired form previous dan	nage.	
	COMPENSATIVE ACTION:		
25X1			



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		· · · · · · · · · · · · · · · · · · ·			
		CIA II	MAGERY ANALYSIS DIVISION		
-	NAME		COUNTRY	COORDINATES	
	Vinh Lo Bridge	oc Hwy. Bridge No. 30 on NE 48-11	North Vietnam	17 43N - 106 23E XE 468 608	
25X1				BRIEF NO: PIB 65206	-
	MAP	AMS L509 NE 48-11		November 1965	
	LOCATION:	At Vinh Loc on an unnu	mbered Route		
	DESCRIPTION	!:			
25X1			material Timber no. of spans 12		051/
	TYPE	Deck	LENGTH OF EACH SPAN		25X
	STATUS:	4 spans destroyed, 4 s	pans severely damaged.		
	COMPENSATI	VE ACTION:	None		



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CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Loc Dien Hwy. Bridge		17 45N - 106 23E
Bridge No. 12 on NE 48-11	North Vietnam	XE 471 639
	•	BRIEF NO:
		PIB 65207
MAP AMS L509 NE 48-11		November 1965

25X1

At Loc Dien on Route 110

DESCRIPTION:

LENGTH 451

TYPE 10'
Deck

NO. OF SPANS 3

LENGTH OF EACH SPAN 15'

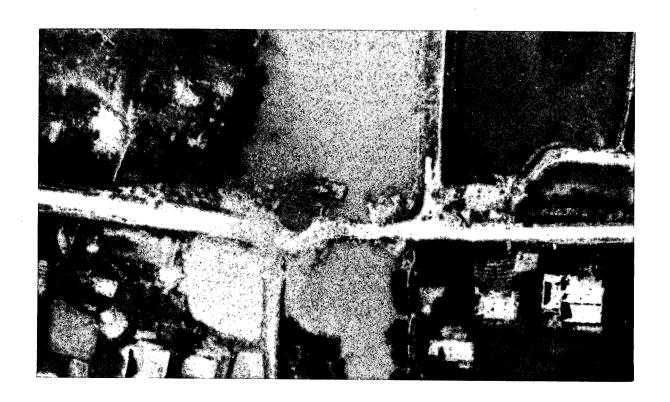
STATUS:

Bridge has been repaired and struck again. Moderate deck damage; approach damaged.

COMPENSATIVE ACTION:

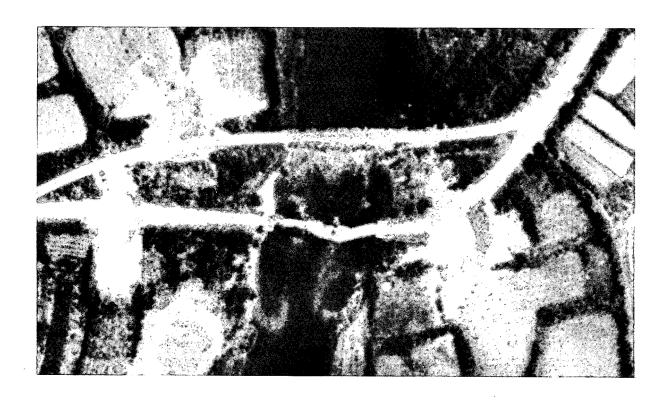
None

25X1



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	CIA IMAGERY ANALYSIS DIVISION			
-	NAME		COUNTRY	COORDINATES
		u Hwy. Bridge o. 45 on NE 48-7	North Vietnam	18 02N - 106 24E XE 482 948
25X1				BRIEF NO: PIB 65208
	MAP	AMS L509 NE 48-7		November 1965
	LOCATION:	0.5 nm S. of Trach Hau on I	Route 1A	
	DESCRIPTIO	N:		
25X1	LENGTH WIDTH TYPE	80' Deck	material Concrete no. of spans 8 length of each span 10	t
	STATUS:	Bridge has been bombed sind has been knocked out of al.		
	COMPENSAT	IVE ACTION:	Causeway.	
25X1				

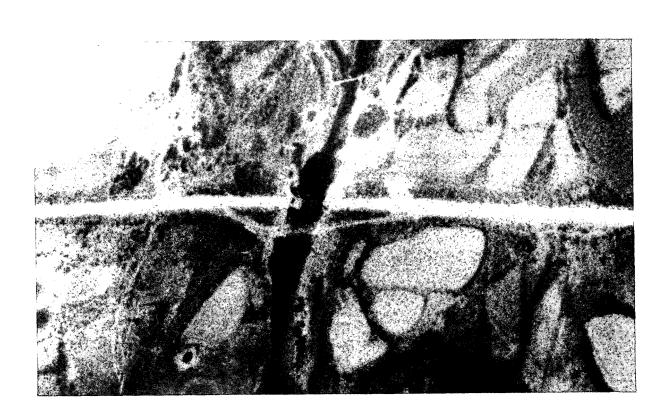


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CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Yen Hung Hwy. Bridge #3 18 03N - 106 20E XE 413 961 BRIEF NO: Bridge No. 36 on NE 48-7 North Vietnam 25X1 PIB 65209 November 1965 1.1 nm S.W. of Yen Hung on Route 1A DESCRIPTION: LENGTH Concrete MATERIAL WIDTH NO. OF SPANS NO. OF SPANS 3 LENGTH OF EACH SPAN 25X1 STATUS: Destroyed, abutments intact.

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Sa Long Hwy. Bridge No. I Bridge No. 74 on NE 48-7	North Vietnam	18 16N - 105 41E WF 620 200
		BRIEF NO:
		PIB - 65210
MAP AMS L509 NE	48-7	November 1965

LOCATION:

WIDTH

0.6 nm S. of Sa Long on a by-pass for Route 12

DESCRIPTION:

25X1

25X1

Deck probably

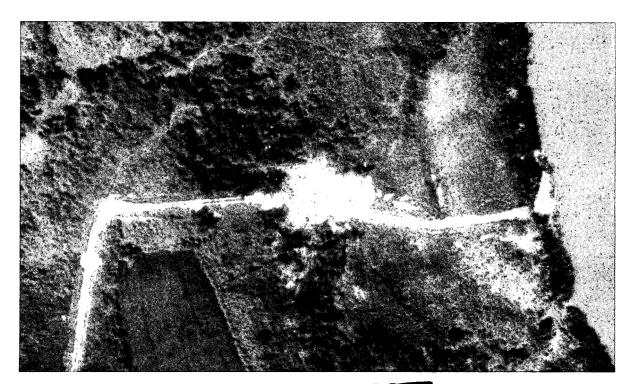
MATERIAL Wood
NO. OF SPANS 2 probably
LENGTH OF EACH SPAN 20' approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

None





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CIA IMA	GERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Sa Long Hwy. Bridge No. II Bridge No. 75 on NE 48-7	North Vietnam	18 16N - 105 41E WF 628 205
Bridge No. 1) on Ru 10 1		BRIEF NO: PIB 65211
MAP AMS 1,509 NE 48	8-7	November 1965

25X1

LOCATION: 0.5 nm S.E. of Sa Long on Route 12

DESCRIPTION:

WIDTH 10' approx.'
TYPE Deck

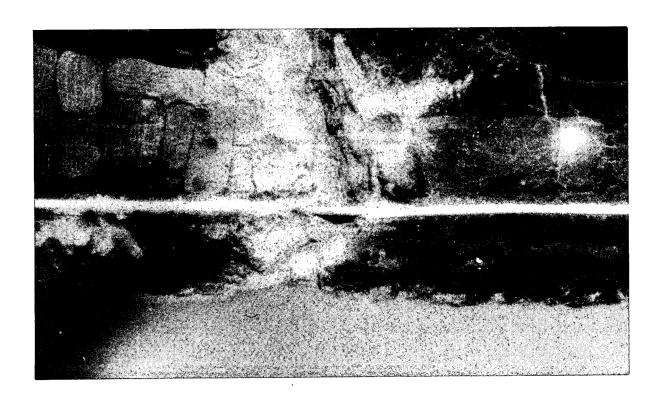
MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

STATUS:

One abutment slightly damaged. Bridge serviceable.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Song Luong R.R. Bridge		19 42N - 105 42E	
Bridge No. 33 on NE 48-3	North Vietnam	WG 745 817	
X1 T		BRIEF NO:	
		PIB 65212	
MAP AMS L509 NE 48-3		November 1965	
LOCATION:	one on the Henri Wink Do	27 T2	

O.1 nm S.E. of Song Luong on the Hanoi-Vinh Rail Line

DESCRIPTION:

25X1

80' (approx.) LENGTH Deck Girder

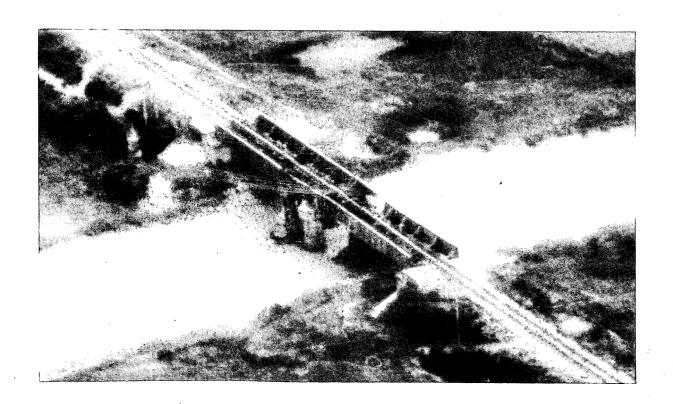
Steel and concrete NO. OF SPANS 2
LENGTH OF EACH SPAN 40' (approx.)

STATUS:

Structural damage to both side girders and deck damage.

COMPENSATIVE ACTION:

2 temporary support piers.



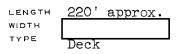
Approved For Release 2002/08/12: CNA-FAPP78T05161A001600030001-9

_	CIA I	MAGERY ANALYSIS DIVISION	-
~	NAME Tho Son Hwy. Bridge	COUNTRY	COORDINATES 18 27N - 105 46E
	Bridge No. 17 on NE 48-7	North Vietnam	WF 820 405
5X1	map AMS L509 NE 48-7		PIB 65213 November 1965

LOCATION: 0.6 nm E. of Tho Son on Route 1A

DESCRIPTION:

25X1



MATERIAL Wood and concrete
NO. OF SPANS 5 and 2 approach spans
LENGTH OF EACH SPAN 5-40' approx.

2-10' approx.

STATUS:

One pier destroyed, two spans dropped.

COMPENSATIVE ACTION:

None



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CIA	IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ban Pu He Hwy. Bridge Bridge No. 8 on NF 48-9	North Vietnam	21 45N - 103 17E UK 231 129
(1		BRIEF NO: PIB 65214 November 1965
MAP AMS L509 NF 48-9		November 1965

LOCATION:

0.4 nm N.W. of Ban Pu He on Route 6

DESCRIPTION:

25X1

width 25'
TYPE Deck

MATERIAL WOOD
NO. OF SPANS 1
LENGTH OF EACH SPAN

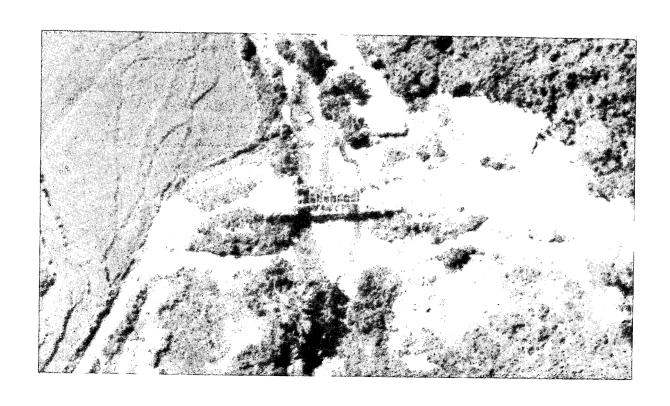
251

STATUS:

Span heavily damaged - decking gone.

COMPENSATIVE ACTION:

Ford



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	CIA IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Cam Nagh Hwy. Bridge Bridge No. 72 on NE 48	7 North Vietnam	18 39N - 105 26E WF 456 632
X1		BRIEF NO: PTB 65215
MAP AMS L509 NE	8-7	November 1965

LOCATION: 0.3 nm S. of Cam Nagh on an unnumbered Route.

DESCRIPTION:

25X1

width 125' approx.
TYPE Deck

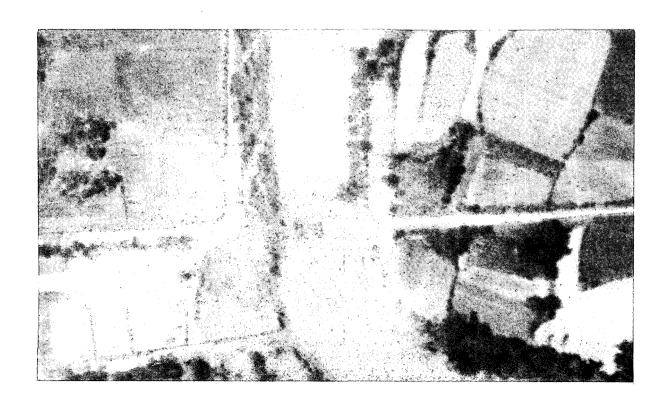
MATERIAL WOOD NO. OF SPANS 5 LENGTH OF EACH SPAN

25' approx.

STATUS:

Deck, one abutment, and two piers destroyed.

compensative action: By-pass road.



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	CIAIM	MAGERY ANALYSIS DIVISION	
_	NAME	COUNTRY	COORDINATES
	Tu Dong Hwy. Bridge		18 12N - 106 07E
	Bridge No. 14 on NE 48-7	North Vietnam	XF 180 139
EVAT		BRIEF NO:	
25X1		PIB 65216	
L	MAP AMS L509 NE 48-7		November 1965

LOCATION:

0.7 nm N. of Tu Dong on Route 1A

DESCRIPTION:

LENGTH 180' approx.

10' approx.
Deck

MATERIAL Wood, concrete, steel

NO. OF SPANS

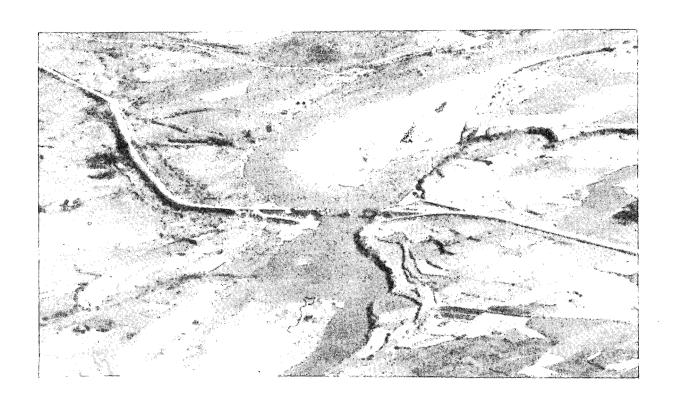
LENGTH OF EACH SPAN 20' approx.

STATUS:

5 spans dropped, 3 piers destroyed.

COMPENSATIVE ACTION:

Ford



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	CIA IA	MAGERY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
_	Phu Hau R.R. Bridge Bridge No. 51 on NE 48-7	North Vietnam	18 57N - 105 35E WG 614 959
5X1		·	BRIEF NO: PIB 65217
-	map AMS L509 NE 48-7		November 1965

O.7 nm N.E. of Phu Hau on the Hanoi-Vinh Rail Line

DESCRIPTION:

LENGTH 135' approx. Single track WIDTH

Deck

MATERIAL Steel and concrete

LENGTH OF EACH SPAN 15' approx.

STATUS:

Unserviceable, 6 spans dropped, 4 piers destroyed. Abutments intact.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COORDINATES			
Phu Hau R.R. Bridge Bridge No. 51 on NE 48-7	North Vietnam	18 57N - 105 35E WF 614 959		
<u> </u>		BRIEF NO: PIB 65218		
MAP AMS L509 NE 48-7		November 1965		

LOCATION: 0.7 nm N.E. of Phu Hau on Hanoi-Vinh Rail Line

DESCRIPTION:

25X1

LENGTH 135' approx.
WIDTH Single track

Deck

MATERIAL Steel and concrete

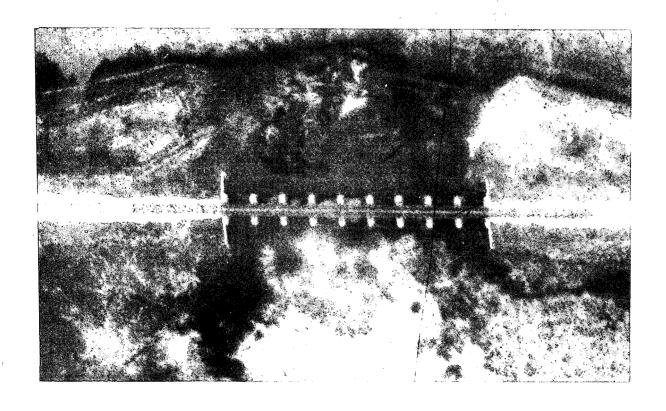
NO. OF SPANS 9
LENGTH OF EACH SPAN 15' approx.

STATUS:

TYPE

Pre-strike

COMPENSATIVE ACTION:



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CIAI	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Phuoc Duc Hwy. Bridge		17 25N - 106 37E
Bridge No. 17 on NE 48-12	North Vietnam	XE 720 230
X1		BRIEF NO:
X 1		P I B 65219
MAP AMS L509 NE 48-12		November 1965

LOCATION: 1.0 nm N.W. of Phuoc Duc on an old rail line south of Dong Hoi used as Route 101.

DESCRIPTION

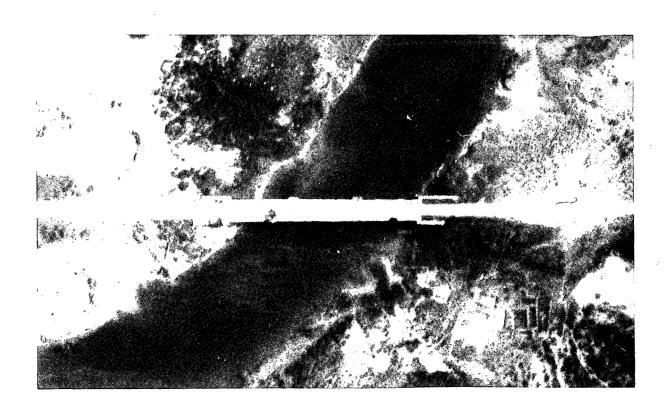
25X1 LENGTH 135' approx.

MATERIAL Steel, concrete
NO. OF SPANS
LENGTH OF EACH SPAN
LENGTH OF EACH SPAN

Status: Slight damage to the two end spans. Bridge serviceable.

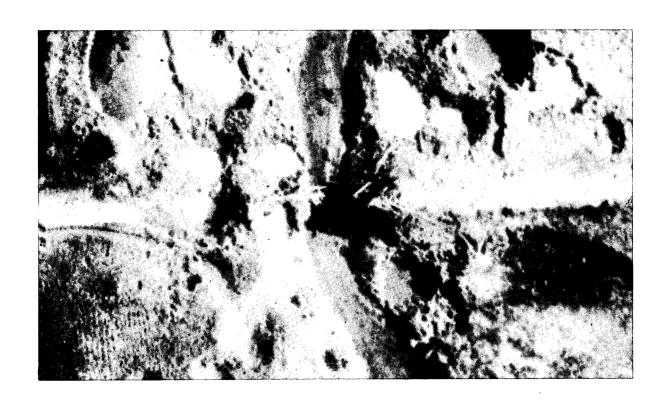
COMPENSATIVE ACTION:

None



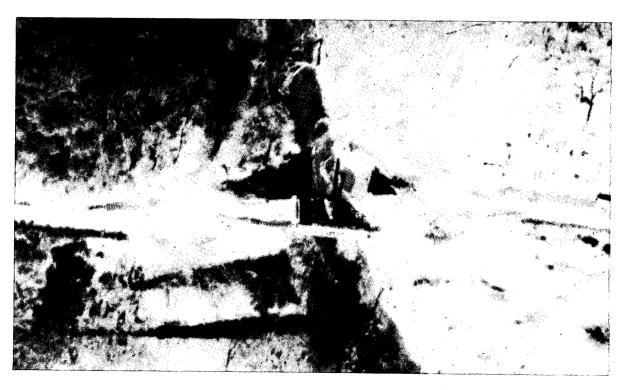
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	CIA	LIMACEDY ANALYSIS DIVISIO	K I
	CIP	A IMAGERY ANALYSIS DIVISIO	'N
NAME		COUNTRY	COORDINATES
			18 08N - 105 45E
Bridge No	. 68 on NE 48-7	North Vietnam	WF 782 060
·			BRIEF NO:
			PIB 65220
MAP	ASM L509	NE 48-7	November 1965
LOCATION:	0.2 nm W. of Duone	g Dau on Route 15	
DESCRIPTION:			
LENGTH	90' approx.	material Wood	l and Concrete
WIDTH		NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SP	an 30' approx.
STATUS:	Completely destoye	ed.	
COMPENSATIVE	ACTION:	Ford	
		\neg	
	Duong Dau Bridge No MAP LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	Duong Dau Hwy. Bridge Bridge No. 68 on NE 48-7 MAP ASM L509 OCATION: 0.2 nm W. of Duong DESCRIPTION: LENGTH 90' approx. WIDTH TYPE Deck	Duong Dau Hwy. Bridge Bridge No. 68 on NE 48-7 MAP ASM L509 NE 48-7 OCATION: 0.2 nm W. of Duong Dau on Route 15 DESCRIPTION: LENGTH 90' approx. WIDTH NO. OF SPANS LENGTH OF EACH SP STATUS: Completely destoyed.



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	CIA IMAGER	RY ANALYSIS DIVISION	
	NAME L. Ngoi Nieou R. R. Bridge Bridge No. 9 on NF 48-6	COUNTRY North Vietnam	coordinates 22 O2N - 104 30E VK 490 373
25X1		Ivor on viconam	BRIEF NO: PIB 65221
	MAP AMS L509 NF 48-6		November 1965
	0.7 nm E. of L. Ngoi Nieou on DESCRIPTION:	the Hanoi-Lao Cai Rail	Line
25X1	WIDTH 60' approx. WIDTH Half-through Truss	material Steel and Co no. of spans 2 LENGTH OF EACH SPAN 30'	ncrete
	Span dropped. Pier and one	e abutment damaged.	
	COMPENSATIVE ACTION:		
	None		
25X1	,		



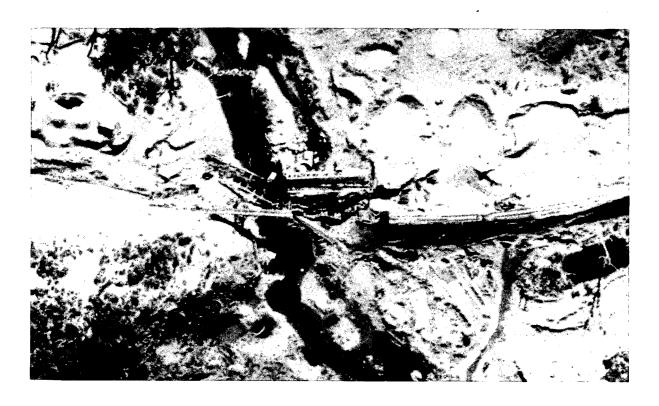
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_		CIA IMAGER	Y ANALYSIS DIVISION	
_	N AME		COUNTRY	COORDINATES
_		.R. Bridge . 8 on NF 48-6	North Vietnam	22 01N - 104 31E VK 509 362
25X1		1100		BRIEF NO: PIB 65222
-	MAP LOCATION:	AMS L509 NF 48-6		November 1965
	LOCATION:	1.8 nm S.W. of Ky Dong or	n the Hanoi-Lao Cai Ra	il Line
	DESCRIPTION:			
25X1	LENGTH WIDTH	80' approx.	MATERIAL Steel and	. Concrete
23/(1	TYPE	Deck Inverted Truss	LENGTH OF EACH SPAN	80' approx.
	STATUS:	Span dropped and damaged.	One abutment destro	yed.
	COMPENSATIVE	ACTION:	None	
			None	
25X1				



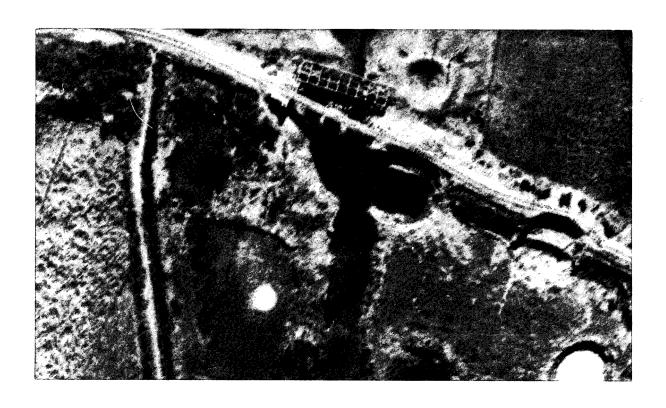
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	CIA IMAG	GERY ANALYSIS DIVISION		
NAME		COUNTRY	COORDINATES	
_	n R. R. Bridge		22 09N - 104 23E	
Bridge	No. 1 on NF 48-6	North Vietnam	VK 368 493	
			BRIEF NO:	
	MMG 7500		PIB 65223	
MAP	AMS L509 NF 48-6		November 1965	
LOCATION:	0.1 nm NW of Lang Bun on	the Hanoi-Lao Cai Rail	Line	
DESCRIPTION	ON:			
LENGTH		MATERIAL Timber and	Concrete	
WIDTH		NO. OF SPANS 4		
TYPE	Deck	LENGTH OF EACH SPAN		2
		<u> </u>		
STATUS:				
	Two spans destroyed. One	e pier destroyed and on	e abutment	
	damaged.			
COMPENSA	TIVE ACTION:			
	None. Note original dama	aged half-through trues		
	None: Note of Eginat dame	aged Harr-onrough ordss	•	



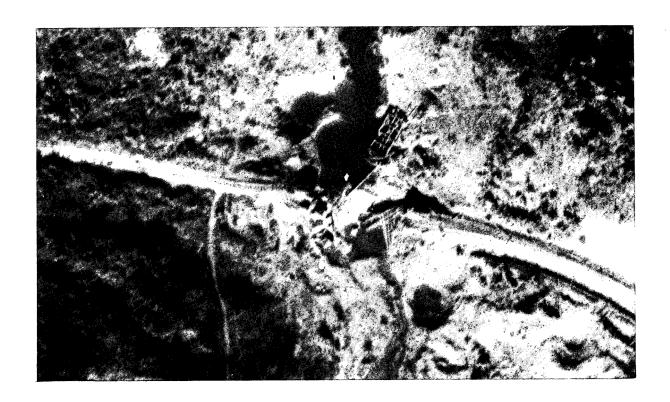
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		CIA IMAGER	RY ANALYSIS DIVISION	
	NAME		COUNTRY	COORDINATES
	Som Dong	Dep R. R. Bridge		21 56N - 104 37E
	Bridge N	10. 10 on NF 48-10	North Vietnam	VK 610 266
25X1				BRIEF NO: PIB 65224
	MAP	AMS L509 NF 48-10		November 1965
	LOCATION:	1.0 nm N.E. of Som Dong De	o on Hanoi-Lao Cai Rail	Line.
	DESCRIPTIO	-	-	
25X1	LENGTH WIDTH TYPE	60' approx. Half-through Truss	material Steel and Co no. of spans 1 LENGTH OF EACH SPAN 60'	
	STATUS:	Dropped from both ends.	LENGTH OF EACH SPAN OO	
	COMPENSAT	IVE ACTION: A 60' timber 3-span (20'15 It has slight deck damage.	'25') deck bridge has b	een erected.
25X1				



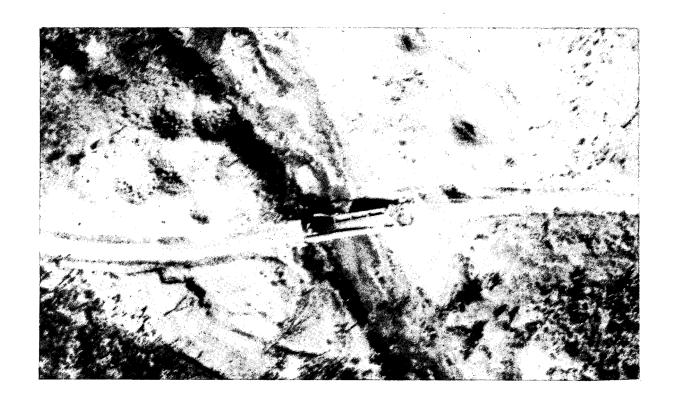
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•	CIA IMAGERY ANALYSIS DIVISION				
•	N AME		COUNTRY	COORDINATES	
	Xom Nuoc	Nong R. R. Bridge		21 54N - 104 39E	
	Bridge N	o. 2 on NF 48-10	North Vietnam	VK 647 235	
25X1				BRIEF NO: PIB 65225	
	MAP	AMS L509 NF 48-10		November 1965	
	LOCATION:	1.8 nm E. of Xom Nuoc Nong	on the Hanoi-Lao Cai R	ail Line	
	DESCRIPTION	<u>N:</u>			
25X1	LENGTH		material Timber		
	WIDTH	5' approx.	NO. OF SPANS 3		25X1
	TYPE	Deck	LENGTH OF EACH SPAN		23/1
	STATUS:	3 spans and 2 piers destro	yed. Both abutments da	maged.	
	COMPENSAT	IVE ACTION:			
		None			
		Remarks: Note the origina	l steel half-through tr	uss bridge is	
		seen to one side. The tem	porary timber bridge un	der construction	
25X1		is seen			



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	CIA IMAGE	ERY ANALYSIS DIVISION	
-	Lang Kon R. R. Bridge Bridge No. 10 on NF 48-6	North Vietnam	COORDINATES 22 04N - 104 28E VK 455 412
25X1	MAP AMS L509 NF 48-6		BRIEF NO: PIB 65226 November 1965
-	LOCATION: 0.7 nm N.E. of Lang Kon of Description:	n the Hanoi-Lao Cai Rail	
25X1	width type Deck girder	material Steel and Co no. of spans 1 (probab length of each span 70'	
	STATUS: Deck and girder damaged.	One abutment damaged.	
	COMPENSATIVE ACTION:		
	None		
25X1			



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		CIA IMAC	GERY ANALYSIS DIVISION	
NAME	int D. D. Dwide	0	COUNTRY	COORDINATES
Trai Hut R. R. Bridge Bridge No. 9 on NF 48-10			North Vietnam	21 57N - 104 36E VK 590 290
				BRIEF NO: PIB 65227
MAP	AMS L509	NF 48-10		November 1965
LOCATIO	N:			

0.2 nm S.E. of Trai Hut on the Hanoi-Lao Cai Rail Line

DESCRIPTION:

25X1

25X1

Through Truss

MATERIAL Steel and Concrete NO. OF SPANS 1 LENGTH OF EACH SPAN 65'

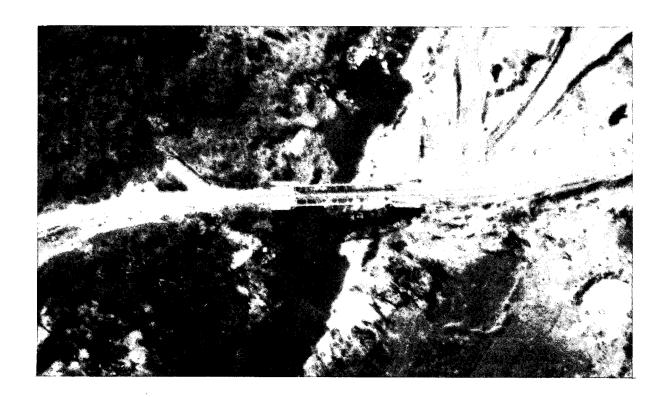
STATUS:

Slight damage to one abutment.

COMPENSATIVE ACTION:

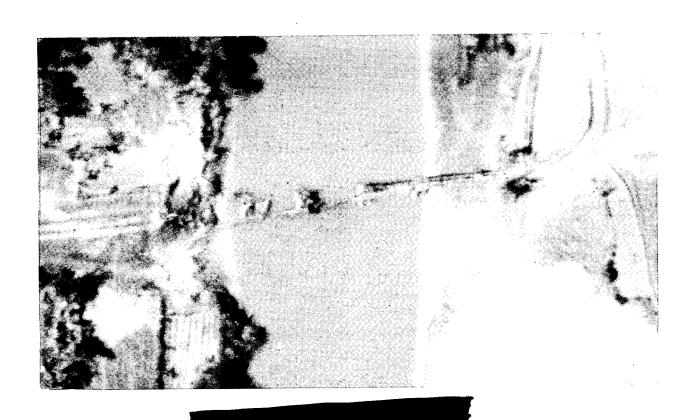
None

25X1



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_						
	-	CI	A IMAGERY ANALY	SIS DIVISION		
-	N AME		COUNTRY		COORDINATES	
	Thanh G	ua Hwy. Bridge No. 76 on NE 48-7	North	Vietnam	18 44N - 105 WF 374 713	21E
25X1	Diluge				BRIEF NO: PIB 65228	·_
	MAP	AMS L509 NE	+8 - 7		December 196	<u> </u>
•	LOCATION:	0.4 nm W. of Thanh	Qua on an unnum	bered route	off Route 74.	
25X1	DESCRIPTION	N:	MATERIA NO. OF S		with wood and cor	crete piers
	WIDTH TYPE	Deck		OF EACH SPAN		25X
	STATUS:	3 spans destroyed.		•		
	COMPENSAT	IVE ACTION:	None			



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Approved For Release 2003/13:-CIA-RDP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION				
N AME	COUNTRY	COORDINATES		
Yen Lang Hwy. Bridge		18 59N - 105 36E		
Bridge No. 43 on NE 48-7	North Vietnam	WF 639 998		
		BRIEF NO:		
		PIB 65229		
MAP AMS L509 NE 48-7		November 1965		

LOCATION:

25X1

O.1 nm N. of Yen Lang on Route 1A

DESCRIPTION:

LENGTH WIDTH 60' approx. 10' approx.

10' approx. Deck

MATERIAL WOOD NO. OF SPANS 4

LENGTH OF EACH SPAN 15' approx.

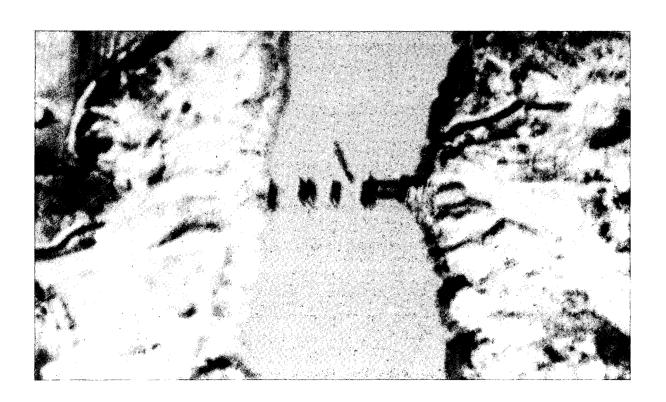
STATUS:

TYPE

3 spans destroyed. One span damaged.

COMPENSATIVE ACTION:

None



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CIA IA	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Bai Xa II Hwy. Bridge Bridge No. 20 on NE 48-2	North Vietnam	19 08N - 104 41E VG 679 163
D1 1400 210 - 20 011 21-4		BRIEF NO: PIB 65231
MAP AMS L509 NE 48-2		November 1965

LOCATION: 1.4 nm W. of Bai Xa on Route 7

DESCRIPTION:

25X1

width 25 approx. width 15 approx.

TYPE Deck

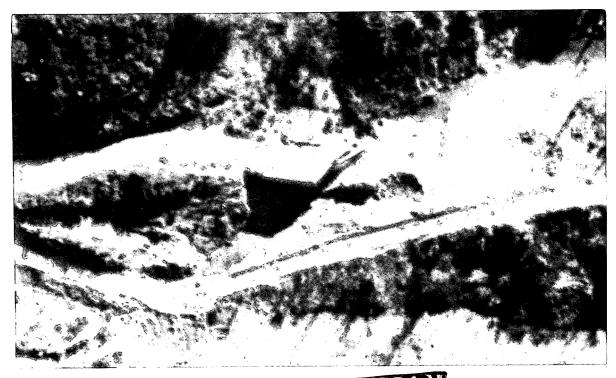
MATERIAL Concrete

NO. OF SPANS 1 LENGTH OF EACH SPAN 25' approx.

STATUS: One abutment damaged.

COMPENSATIVE ACTION:

Ford and Road Re-alignment





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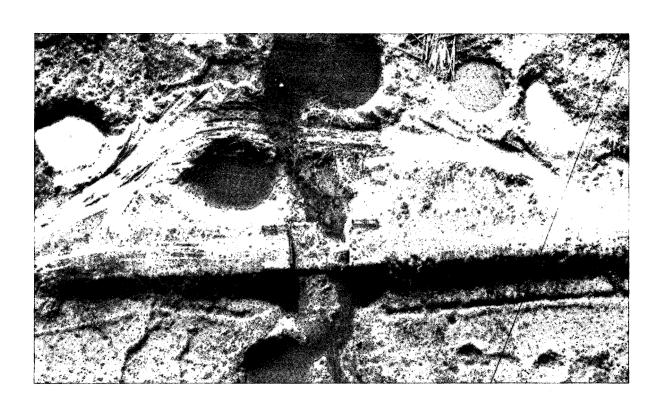
Approved For Release 2002/08/12 - CIA RDP78T05161A001600030001-9

	· · · · · · · · · · · · · · · · · · ·		
	CIA IA	MAGERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Ban 1	Na Ngam Hwy. Bridge		21 30N - 103 06H
	ge No. 3 on NE 48-9	North Vietnam	UJ 037 790
1		•	BRIEF NO:
			PIB - 65232
MAP	AMS L509 NE 48	3-9	November 1965
LOCATIO	O.2 nm W. of Ban Na	Ngam on Route 19	
DESCRIP	TION:		
LENGT	н 25' approx.	MATERIAL Concret	te and Wood
WIDTH	15' approx.	no. of spans 1	
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.
STATUS:			
	Span dropped and dam	aged.	

Ford

COMPENSATIVE ACTION:

25X1



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. CI	A IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	
Ban Bung Hwy. Bridge		21 32N - 103 19E	
Bridge No. 13 on NF 48-9	North Vietnam	UJ 265 825	
< 1		BRIEF NO:	
		PIB 65233	
map AMS L509 NF 48-	9	November 1965	

LOCATION:

0.8 nm West of Ban Bung on Route 19

DESCRIPTION:

25X1

width
Type
Deck

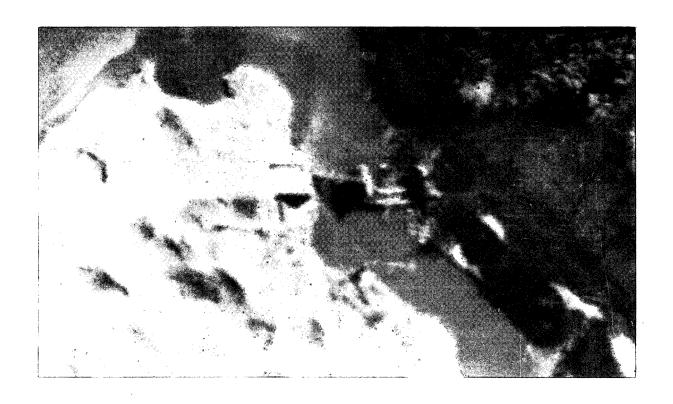
MATERIAL Steel, Concrete and Timber NO. OF SPANS 2

STATUS:

Both spans dropped. One abutment damaged.

COMPENSATIVE ACTION:

Road re-alignment and ford



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	CIA IMA	GERY ANALYSIS DIVISION	
•	NAME Ban Bung Hwy. Bridge Bridge No. 13 on NF 48-9	COUNTRY North Vietnam	COORDINATES 21 32N - 103 19E UJ 265 825
5X1	MAP AMS L509 NF 48-9		PIB 65233 November 1965

LOCATION:

0.8 nm West of Ban Bung on Route 19

DESCRIPTION:

25X1

width
type

Deck

MATERIAL Steel, Concrete and Timber NO. OF SPANS 2
LENGTH OF EACH SPAN 45'

STATUS:

Both spans dropped. One abutment damaged.

COMPENSATIVE ACTION:

Road re-alignment and ford



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CIA	IMAGERY ANALYSIS DIVISION	
Lang Bo R. R. Bridge Bridge No. 4 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 OGN - 104 26E VK 420 442
MAP AMS L509 NF 48-6		BRIEF NO: PIB 65234 November 1965

LOCATION:

3.0 nm W. of Lang Bo on the Hanoi-Lao Cai Rail Line

DESCRIPTION:

25X1

ensth 60' approx.

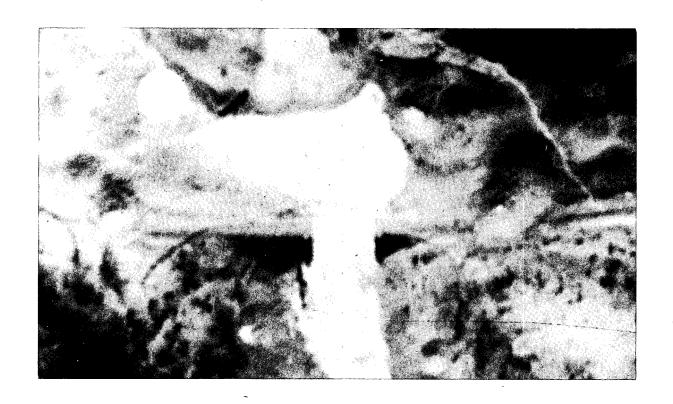
material Steel and Concrete no. of spans 1 Length of Each span 60' approx.

STATUS:

Span is completely destroyed. No damage to abutments.

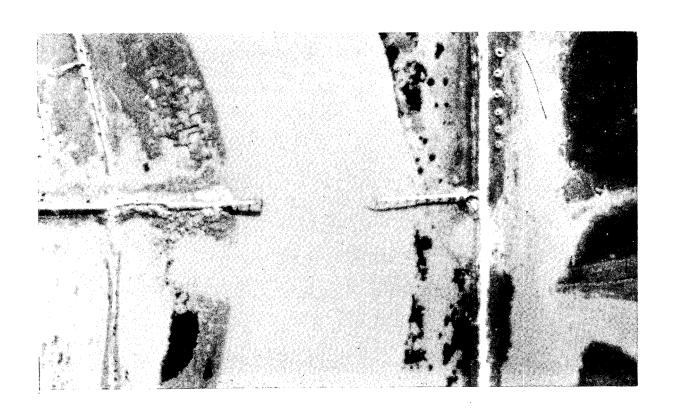
COMPENSATIVE ACTION:

None



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	CIA IMA	AGERY ANALYSIS DIVISION		
NAME		COUNTRY	COORDINATES	-
	Thuong Hwy. Bridge ge No. 24 on NE 48-7	North Viator	18 20N - 105 55E WF 976 283	
	¿e №. 24 on № 40-1	North Vietnam	BRIEF NO:	-
			PIB 65235	
MAP	AMS L509 NE 48-7		December 1965	_
LOCATIO D'ESCRIPT	0.2 nm S. of Kinn Thuong			
LENGT	1		able wood	
WIDTH	Deck	.NO. OF SPANS 17 p	robable	
TYPE				25)



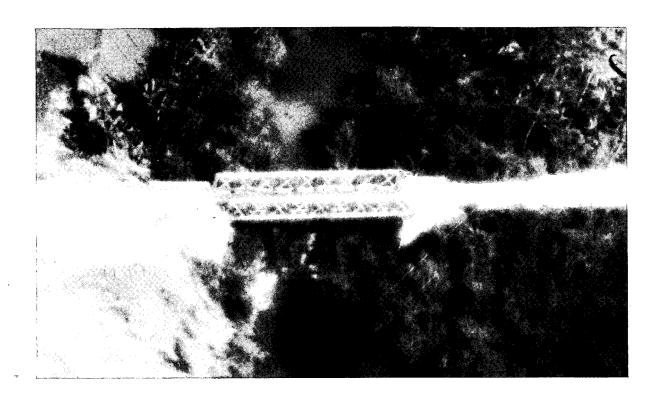
Approved For Release 2002/08/11/20 ENTRAP78T05161A001600030001-9

	CIA IMAGERY ANALYSIS DIVISION						
-	NAME		COUNTRY	COORDINATES			
	Som Dong	Dep R. R. Bridge	1	21 56N - 104 37E			
_	Bridge N	o. 10 on NF 48-10	North Vietnam	VK 610 266			
25X1				BRIEF NO: PIB 65236			
•	MAP	AMS L509 NF 48-10		November 1965			
	LOCATION:	1.0 nm N.E. of Som Dong De	ep on the Hanoi-Lao Cai	Rail Line			
	DESCRIPTION	N:					
	LENGTH	60' approx.	MATERIAL Steel and Co	ncrete			
25X1	WIDTH		NO. OF SPANS 1				
	TYPE	Half-through Truss	LENGTH OF EACH SPAN 601				
	STATUS:						
••		Pre-strike					
	COMPENSATI	VE ACTION:					
		None					
25X1							



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		CIA IMAG	ERY ANALYSIS DIVISION	
	NAME		COUNTRY	COORDINATES
	Trai Hut	t R. R. Bridge		21 57N - 104 36E
	Bridge I	No. 9 on NF $48-10$	North Vietnam	VK 590 290
25X1				BRIEF NO:
20/(1				PIB 65237
	MAP	AMS L509 NF 48-10		November 1965
	LOCATION:	0.2 nm S.E. of Trai Hut o	on the Henei Ise Cai F	Poil Tine
			on the nanor-hao car r	tair mine.
	DESCRIPTIO		~	3.0
	LENGTH	65' approx.		nd Concrete
25X1	WIDTH		no. of spans $\;$	(=:
	TYPE	Through Truss	LENGTH OF EACH SPAN	05'
	STATUS:			
		Pre-strike		
	COMPENSAT	TIVE ACTION:	•	
		None	•	
25X1				
20/(1				



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•		(CIA IMAGER	Y ANALYSIS DIVISIO	N		_
25X1		ong R.R. Bridge o		COUNTRY North Vietnam	coordinat 21 44N VK 836	- 104 50E	
25X1	MAP		F 48-10	TO THE OWNER OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER OW	BRIEF NO: PIB 652 Decembe	38	
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE		m Hang on	the Hanoi-Lao Ca	ai Rail Line and concrete	. 190.)	
	STATUS:	Spans destroyed	• Abutme:	nts inta c t.			
	COMPENSATIVE	A 90 X		x., 4 span has been erected		deck-type he half thro	25X 1 ugh
25X1							



WIAE KEUUKDO GUIY

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CIA IMAGERY ANALYSIS DIVISION

NAME
COUNTRY
COORDINATES
17 49N - 106 08E
Bridge No. 23 on NE 48-11
North Vietnam
ERIEF NO:
PTB - 65239
December 1965

O.4 nm W. of Thuong Phu on an abandoned R.R.

DESCRIPTION:

25X1 WIDTH TYPE

90' approx.

MÀTERIAL NO. OF SPANS Steel and concrete

NO. OF SPANS
LENGTH OF EACH SPAN

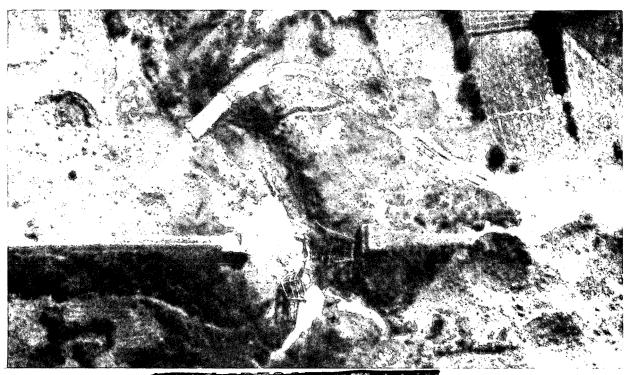
90' approx.

STATUS:

Destroyed

COMPENSATIVE ACTION:

Adjacent timber bridge.

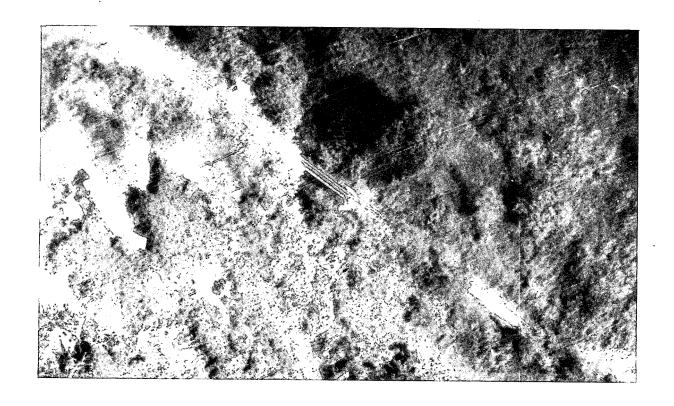


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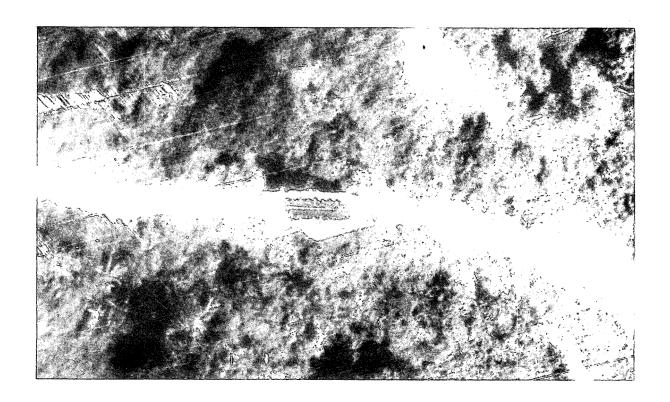
Approved For Release 2002 09112 DCH 17278T05161A001600030001-9

		CIA IMAGERY ANALYSIS DIVISION	
	NAME Lang Kon R. R. Bridge Bridge No. 10 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 04N - 104 28E VK 455 412
25X1	MAP AMS L509 NF	48-6	BRIEF NO: PIB 65240 November 1965
	O.7 nm N.E. of I	ang Kon on Lao Cai Rail Line.	
25X1	width TYPE Deck girder	material Steel and Co no. of spansl Probable LENGTH OF EACH SPAN 70	
	status: Pre-strike		
	COMPENSATIVE ACTION:		
	None		
25X1			



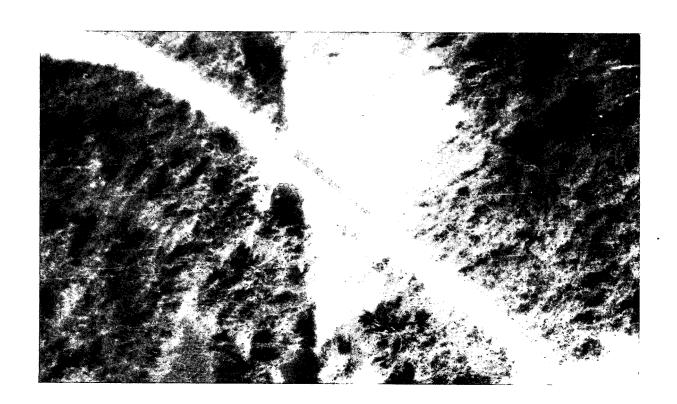
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	CIA IMAGERY ANALYSIS DIVISION					
	NAME			COUNTRY	T	COORDINATES
		Nieou R. R. Brid o. 9 on NF 48-6	.ge	North Vietnam		22 02N - 10 ¹ 4 30E VK ¹ 490 373
25X1						BRIEF NO: PIB 65241
	MAP	AMS L509 NF	48-6			November 1965
	LOCATION:	0.7 nm E.N.E. o	of L. Ngoi Ni	eou on the Hanoi-	Lao Ca	i Rail Line
	DESCRIPTION	1:				
25X1	LENGTH WIDTH TYPE	60' approx. Half-through tr	russ	material Steel a no. of spans 2 length of each span		acrete
	STATUS:					
		Pre-strike				
	COMPENSATI	VE ACTION:				
		None				
25X1						



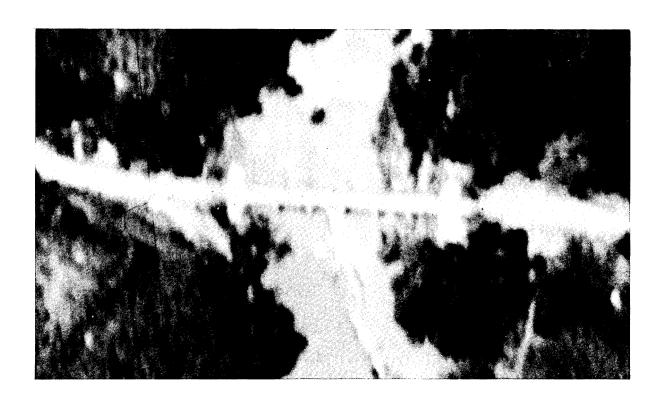
Approved For Release 2002/08/12: CIA-RDP78T05161A001600030001-9

-				
_		CIA IMAG	ERY ANALYSIS DIVISION	
	N AME		COUNTRY	COORDINATES
		R. R. Bridge		22 OLN - 104 31E
	Bridge N	10. 8 on NF 48-6	North Vietnam	VK 509 362
25X1				BRIEF NO:
-0/(1				PIB 65242
	MAP	AMS L509 NF 48-6		November 1965
	LOCATION:	1.8 nm S.W. of Ky Dong on	the Hanoi-Lao Cai Ra	ail Line
	DESCRIPTIO	N:		
	LENGTH	80' approx.	MATERIAL Concrete	and Steel
25X1	WIDTH		no. of spans $ $	
.5/\ 1	TYPE	Deck Inverted Truss	LENGTH OF EACH SPAN	801
	STATUS:			
	0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Pre-strike		
	COMPENSATI	IVE ACTION:		
		None		
IEV4				
25X1	1			



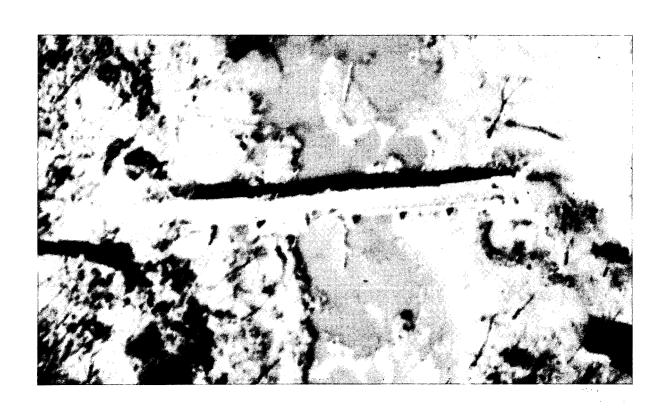
Approved For Release 2002/08/12 : CIA-RDP78T05161A001600030001-9

•	•	CIA IMAG	ERY ANALYSIS DIVISION		
-	NAME		COUNTRY	COORDINATES	_
		Ha Bong Hwy. Bridge on NF 48-15	North Vietnam	20 34N - 105 01E WH 020 752	
25X1				BRIEF NO: PIB 65243	_
	MAP	AMS L509 NF 48-15		November 1965	
	LOCATION:	1.6 nm N.E. of Lang Ke	Ha Bong on an unnumbe	red route.	
25X1	DESCRIPTION: LENGTH			nd Concrete	
	WIDTH TYPE	approx. 10' Deck	NO. OF SPANS LENGTH OF EACH SPAN		25X
	STATUS:	Pre-strike			
	COMPENSATIVE	: ACTION:	N/A		



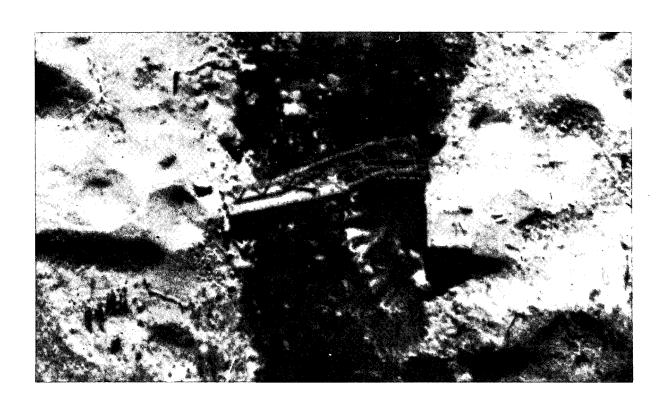
Approved For Release 2002/08/12:E014-PDP78T05161A001600030001-9

-		CIA IMAGER	RY ANALYSIS DIVISION		
-	NAME		COUNTRY	COORDINATES	
	Lang Ke H	a Bong Hwy. Bridge		20 34N - 105 OLE	
	Bridge No	. 4 on NF 48-15	North Vietnam	WH 020 752	
25X1				BRIEF NO: PIB 65244	
	MAP	AMS L509 NF 48-15		November 1965	
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	1.6 nm N.E. of Lang Ke Ha 10' (approx.) Deck		. Concrete	25X1
	STATUS:	2 spans heavily damaged, and one pier damaged.	3 spans slightly damag	ed. One abutment	
			None		



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		CIA IM	AGERY ANALYSIS DIVISION		
,	NAME		COUNTRY	COORDINATES	
		Wy. Bridge 34 on NF 48-10	North Vietnam	12 13N - 104 30E VJ 494 475	
25X1				BRIEF NO: PIB 65245	
	MAP	AMS L509	NF 48-10	December 1965	
	LOCATION:	1.2 nm E. of Lang Mo	c on Route No. 13A		
25X1	LENGTH WIDTH TYPE	15' approx. Through Truss		, concrete and wood obable	25X1
	STATUS:	One span destroyed. damaged.	One span heavily damage	d. Abutments heavily	
	COMPENSATIVE	E ACTION:	Tond		



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	CIA IMAGEI	RY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Phu Nhan Hwy. B Bridge No. 34 on		North Vietnam	19 26N - 105 48E WG 840 490
X1			BRIEF NO: PIB 65246
MAP AMS L509	NE 48-3		December 1965
LOCATION: 0.5 nm S	.E. of Phu Nhan on	an unnumbered route.	
DESCRIPTION:		•	
- (

25X1

LENGTH 160' approx.
WIDTH LIVPE Deck

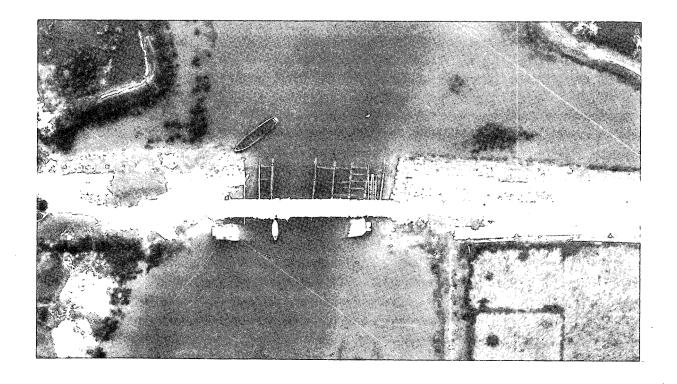
MATERIAL Concrete and steel NO. OF SPANS 4 probable LENGTH OF EACH SPAN 40' approx.

STATUS:

Completely destroyed.

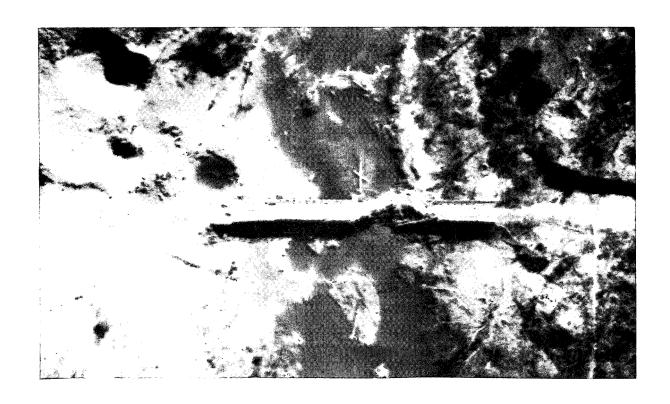
COMPENSATIVE ACTION:

A temporary timber bridge adjacent to the site of the destroyed bridge.



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	CIA IMAGERY ANALYSIS DIVISION						
	NAME		COUNTRY	COORDINATES			
		Bong Hwy. Bridge		20 34N - 105 OlE			
	Bridge No.	4 on NE 48-15	North Vietnam	WH 020 752			
25X1				BRIEF NO: PIB 65247			
	MAP	AMS L509 NE 48-15		December 1965			
	LOCATION:	1.6 nm N.E. of Lang Ke Ha	a Bong on an unnumbered	l route			
25X1	DESCRIPTION: LENGTH WIDTH TYPE	10' approx. Deck	MATERIAL Wood and co	oncrete	25X1		
	STATUS:	2 spans destroyed. 3 spa pier damaged.	ans light damage. l ak	outment and 1			
	COMPENSATIVE	ACTION:					
			None				
25X1							



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-	CIA IM	AGERY ANALYSIS DIVISION	
-	NAME	COUNTRY	COORDINATES
	Ban Cha Hwy. Bridge Bridge No. 19 on NF 48-9	North Vietnam	21 32N - 103 14E UJ 176 8 <u>32</u>
25X1	Bilage No. 1) ou la la		PIB 65248 December 1965
	MAP AMS 1,509 NF 48-9		December 1965

0.3 nm N.E. of Ban Cha on an unnumbered route

DESCRIPTION:

LENGTH 45' approx. WIDTH

15' approx. Deck

MATERIAL Concrete NO. OF SPANS 1 LENGTH OF EACH SPAN 45' approx.

STATUS:

Deck slightly damaged. One abutment severely damaged.

COMPENSATIVE ACTION:

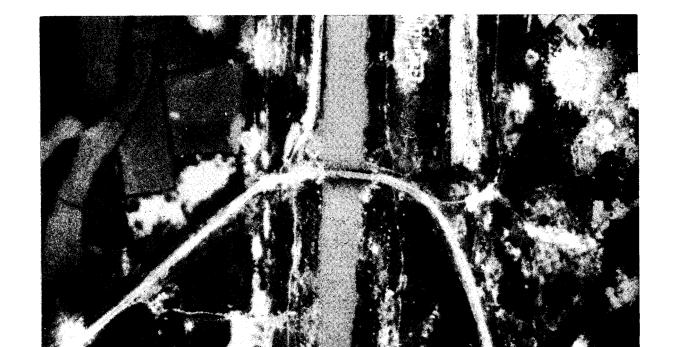
Ford



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•		CIA IMAGEF	RY ANALYSIS DIVISION		
•	N AME		COUNTRY	COORDINATES	
	Dong Le Hwy. Bridge Bridge No. 35 on NE 48-3				
25X1				BRIEF NO: PIB 65249	
	MAP	AMS L509 NE 48-	-3	December 1965	
	LOCATION:	1.0 nm S.W. of Dong Le or	n an unnumbered route		
25X1	LENGTH WIDTH Type	Deck	MATERIAL Wood NO. OF SPANS 3 probabl LENGTH OF EACH SPAN	_e	25X1
	STATUS:	One approach span lightly	damaged. Bridge prob	pably serviceable.	
	COMPENSATIVE	EACTION:			

None



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Phong Bai Hwy. Bridge		19 21N - 105 43E	
Bridge No. 30 on NE 4		WG 765 405	
9		BRIEF NO:	
		PIB 65250	
MAP AMS TI509	NE 48-3	December 1965	

25X1

LOCATION: 0.4 nm W. of Phong Bai on Route 1A

DESCRIPTION:

80' approx. 10' approx. LENGTH WIDTH TYPE

Deck

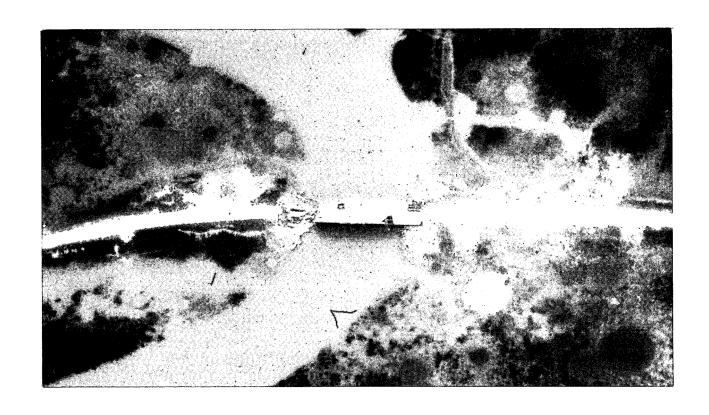
MATERIAL Timber and Concrete NO. OF SPANS LENGTH OF EACH SPAN 20' approx.

STATUS:

Two spans destroyed. Minor deck damage to other two spans.

COMPENSATIVE ACTION:

None



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		CIA IMAGE	RY ANALYSIS DIVISION	
_	NAME		COUNTRY	COORDINATES
	Ban Khe Hwy. Bridge Bridge No. 19 on NE 48-2		North Vietnam	19 04N - 104 50E VG 823 079
:5X1[BRIEF NO: PTB 65251
_	MAP AMS L509	NE 48-2		December 1965

LOCATION: 0.4 nm N.E. of Ban Khe Chai on Route 7

DESCRIPTION:

75' approx. LENGTH WIDTH 10' approx. Half-through truss TYPE

MATERIAL Steel, Wood, and NO. OF SPANS 1 LENGTH OF EACH SPAN 75' approx.

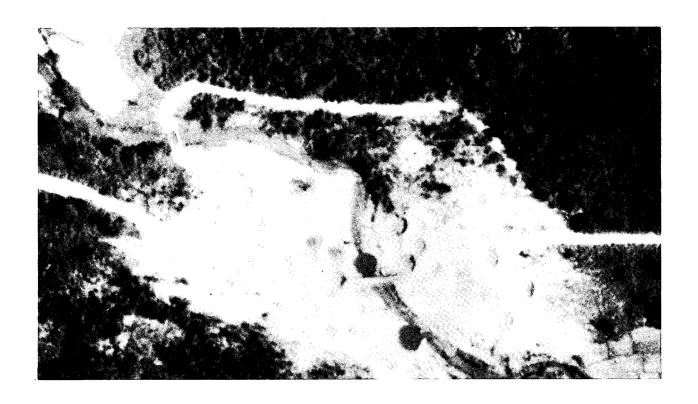
Steel, wood, and concrete

STATUS:

Span destroyed.

COMPENSATIVE ACTION:

Ford and by-pass road



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Ban Khe Chai Hwy. Bridge		19 04N - 104 50E	
Bridge No. 19 on NE 48-2	North Vietnam	VG 825 079	
		BRIEF NO:	
		PIB 65252	
MAP AMS L509 NE 48-2		December 1965	

25X1

O.4 nm N.E. of Ban Khe Chai on Route 7

DESCRIPTION:

WIDTH 75' approx.

WIDTH 10' approx.

TYPE Half-through truss

MATERIAL Steel and concrete

NO. OF SPANS

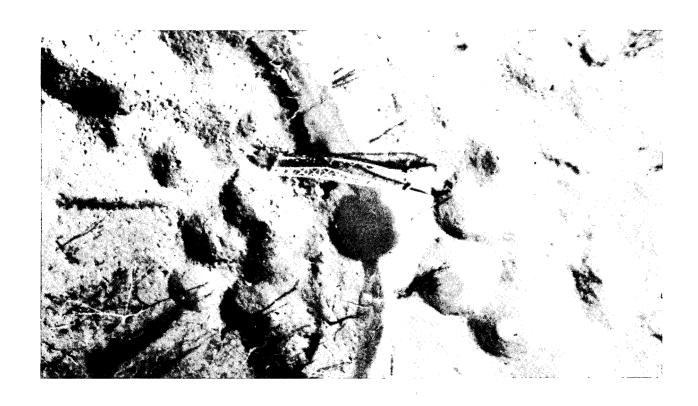
LENGTH OF EACH SPAN 75' approx.

STATUS:

Span completely destroyed, 1 abutment destroyed.

COMPENSATIVE ACTION:

Ford



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CIA IM	AGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ban Ta Vai Hwy. Bridge		21 02N - 104 21E
Ban Ta Vai Hwy. Bridge Bridge No. 19 on NE 48-10	North Vietnam	VJ 337 257
(1		BRIEF NO:
`'		P I B 65253
MAP AMS L509 NE 48-10		December 1965

LOCATION: 0.5 nm S.W. of Ban Ta Vai on Route 6

DESCRIPTION:

25X1

LENGTH 180' approx.
WIDTH Deck

MATERIAL Concrete
NO. OF SPANS
LENGTH OF EACH SPAN

2.6

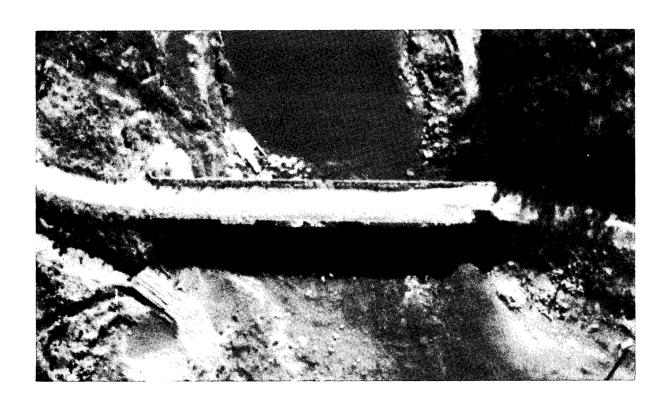
2 @ 55' approx. 2 @ 35' approx.

STATUS:

One pier destroyed. One 35' span severely damaged.

COMPENSATIVE ACTION:

Ford - bridge serviceable



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	CIA IMAGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Ban Na Tau Hwy. Bridge Bridge No. 1 on NF 48-5	North Vietnam	22 02N - 103 09E UK 108 386
X1		BRIEF NO:
		PIB 65254
MAP AMS L509 NF 48-	<u> </u>	December 1965
LOCATION: O) TOTAL CL. A. D M.	T . (

0.4 nm S. of Ban Na Tau on Route 6

DESCRIPTION:

25X1

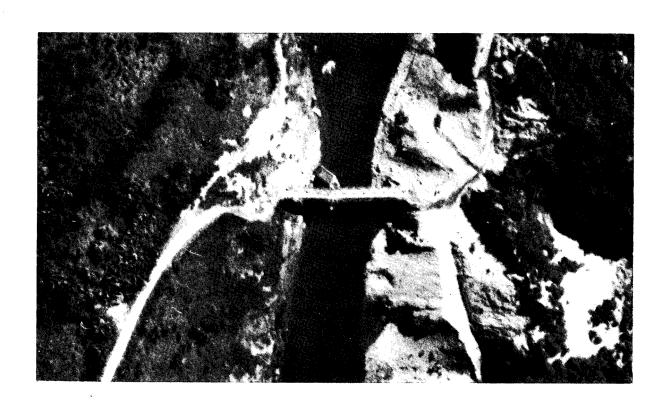
180' approx. LENGTH WIDTH TYPE Through truss MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 1 @ 70' approx.
1 @ 110' approx.

STATUS:

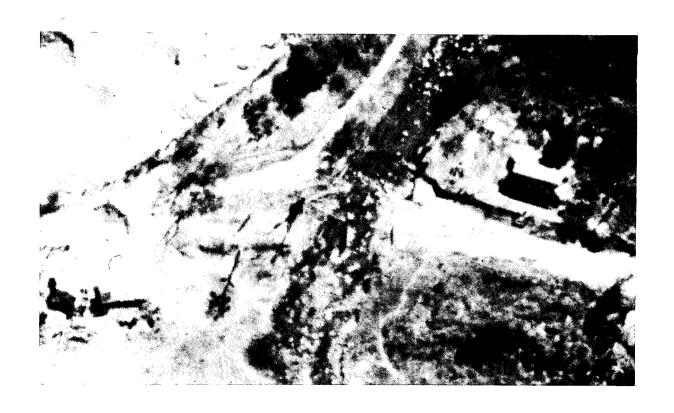
One abutment damaged. Both spans lightly damaged. Serviceable.

COMPENSATIVE ACTION:

Ford



•	•	CIA	IMAGERY ANALYSIS DIVISION		
•	NAME		COUNTRY	COORDINATES	
		ouei Giang Hwy. Bridge No. 13 on NE 48-2	North Vietnam	19 23N - 104 09E VG 107 450	
25X1				BRIEF NO: PIB 65255	
	MAP	AMS L509 NE 48-2		December 1965	
	LOCATION:	At Ban Houei Giang on	Route 7		
	DESCRIPTION	ON:			
25X1	LENGTH WIDTH	IO! spanov	material Wood no. of spans 5 r		
	TYPE	Deck	LENGTH OF EACH SPAN		25X1
	STATUS:	Completely destroyed			
	COMPENSA	TIVE ACTION:	F'ord		



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CIA	IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ban Pieng Hom Hwy. Bridge Bridge No. 3 on NE 48-2	North Vietnam	19 21N - 104 13E VG 184 415
5X1		BRIEF NO: PIB 65256 December 1965
MAP AMS L509 NE 48-2		December 1965
LOCATION: 1.0 nm N.W. of Ban Pie	eng Hom on Route 7	
DESCRIPTION:		

LENGTH 150' approx. WIDTH 10' approx.

PE Deck

Concrete

NO. OF SPANS 3 LENGTH OF EACH SPAN

50' approx.

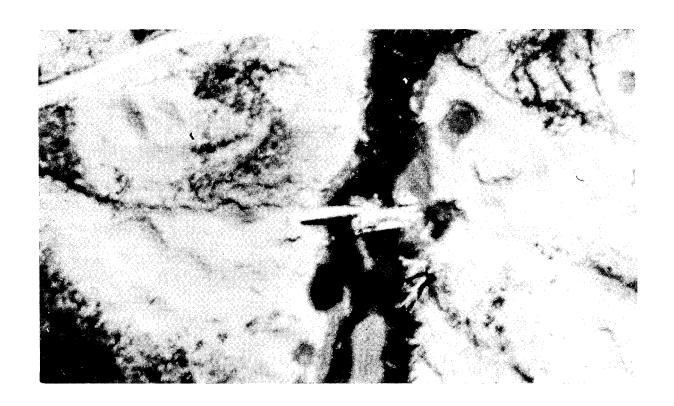
STATUS:

l abutment destroyed. l span destroyed. l pier destroyed. 2 spans heavily damaged.

COMPENSATIVE ACTION:

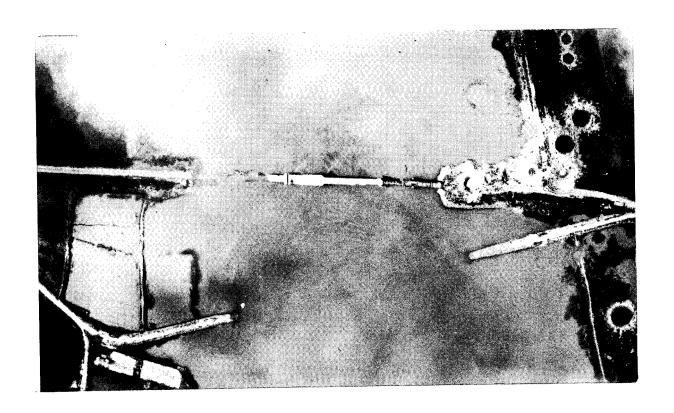
Ford

25X1



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-	CIA IMAG	GERY ANALYSIS DIVISION	
-	NAME	COUNTRY	COORDINATES
	Than Yen Hwy. Bridge		17 38N - 106 31E
_	Bridge No. 2 on NE 48-12	North Vietnam	XE 615 505
25X1			PIB 65257
_	MAP ASM L509 NE 48-12		December 1965
	O.5 nm S. of Than Yen on	Route 1A	
	DESCRIPTION:		
25X1	WIDTH 15' approx. TYPE Deck and half through tru	NO. OF SPANS 8 (6	and concrete concrete deck, 2 steel truss)
	status: 3 concrete spans destroye destroyed.	d. 2 steel truss spar	ns damaged; 2 piers
25X1	COMPENSATIVE ACTION: Ferry		



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_	CIA IMAG	ERY ANALYSIS DIVISION	
	NAME Dia Dong Hwy. Bridge No. III	COUNTRY	COORDINATES 18 06N - 106 16E
	Bridge No. 33 on NE 48-7	North Vietnam	XF 349 028
25X1			BRIEF NO: PIB 65258
_	MAP AMS L509 NE 48-	7	December 1965

LOCATION: 0.3 nm E. of Dia Dong on Route No.1

DESCRIPTION:

WIDTH 75' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 50' approx.

STATUS:

Bridge is 80% destroyed. Abutments appear intact.

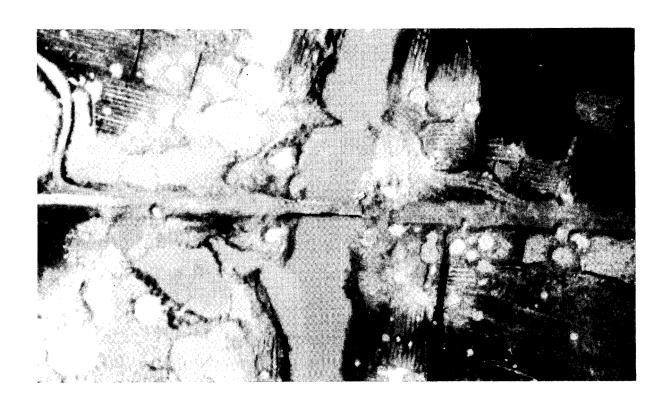
COMPENSATIVE ACTION:

None



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_			
	CIA IMAGI	ERY ANALYSIS DIVISION	
_	NAME	COUNTRY	COORDINATES
	Son Kinh Hwy. Bridge No. I		18 11N - 106 11E
	Bridge No. 64 on NE 48-7	North Vietnam	XF 254 116
5X1			BRIEF NO:
			PIB 65259
_	MAP AMS L509 NE 48-7		December 1965
	O.1 nm E. of Son Kinh on R	oute 1A	
	DESCRIPTION:		
	LENGTH 60' approx.	material Wood	
5X1	WIDTH	NO. OF SPANS 3	
J/\ I	Deck	LENGTH OF EACH SPAN 20	approx.
	STATUS:		
	Center span moderately dam	aged. One abutment hear	vily damaged.
	COMPENSATIVE ACTION: None		
		¬	
5X1			
	I		



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CIAIM	MAGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Kim Nac Hwy. Bridge Bridge No. 23 on NE 48-7	North Vietnam	18 13N - 106 02E XF 100 155
5X1	1101 011 7 1 0 0 1 1 1 1	BRIEF NO:
MAP AMS 1.500 NE 1.8-7		PIB 65260 November 1965

LOCATION:

0.3 nm N.E. of Kim Nac on Route 1A

DESCRIPTION:

LENGTH WIDTH

90' approx.

10' approx. Deck

MATERIAL

Probably masonry or concrete

NO. OF SPANS

2 probable

LENGTH OF EACH SPAN 45' approx.

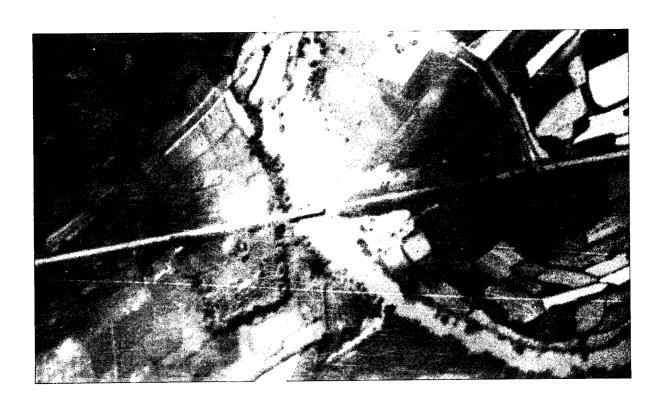
STATUS:

TYPE

One span destroyed. One abutment heavily damaged.

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Trai Mo Hwy. Bridge 18 30N - 105 23E Bridge No. 73 on NE 48-7 WF 408 457 North Vietnam 25X1 BRIEF NO: P**I**B 65261 NE 48-7 December 1965 LOCATION: 0.5 nm S.W. of Trai Mo on Route 8 DESCRIPTION: 55' approx. LENGTH Concrete 25X1

STATUS:

One abutment heavily damaged. End of deck damaged. Approach damaged.

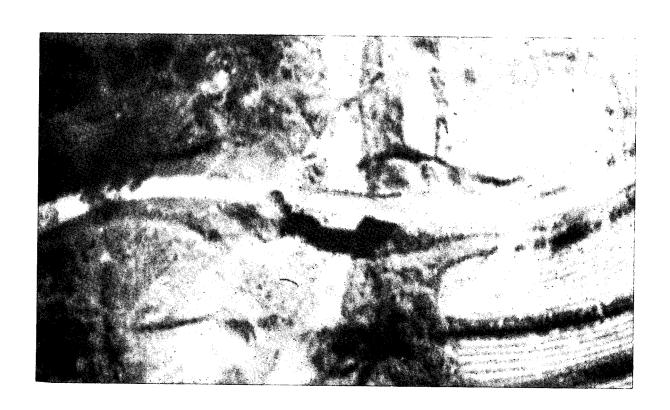
NO. OF SPANS]

LENGTH OF EACH SPAN 55' approx.

COMPENSATIVE ACTION:

Deck

None



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IMAGERY ANALYSIS DIVISION	
COUNTRY	COORDINATES
North Vietnam	18 23N - 105 50E WF 890 330
	BRIEF NO:
LQ 7	PIB 65262 December 1965
	COUNTRY

Ocation: 0.2 nm S. of Nhiep Xa on Route LA

DESCRIPTION:

25X1

50' approx. LENGTH WIDTH TYPE Deck

Concrete probable MATERIAL

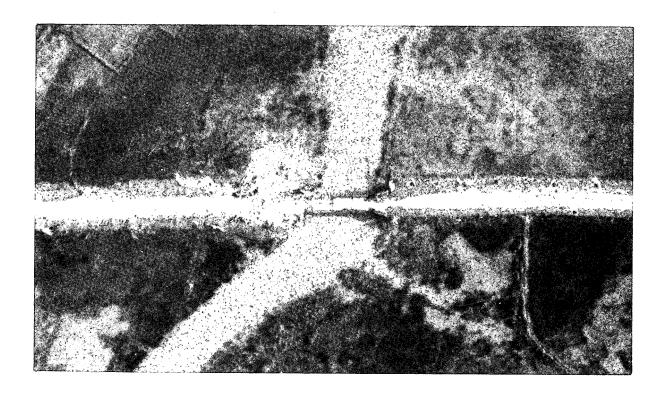
NO. OF SPANS 2

LENGTH OF EACH SPAN 25' approx.

STATUS:

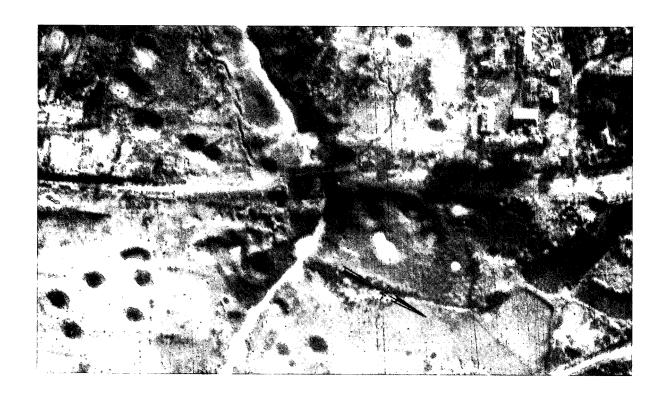
One span moderately damaged. One abutment moderately damaged. Bridge serviceable.

COMPENSATIVE ACTION: Repairs to existing bridge.



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	CIA IMAGER	RY ANALYSIS DIVISION	
25X1	NAME Pho Hop RR. Bridge over Ngoi Hop	COUNTRY	coordinates 21 49N - 104 45E
0.5344	Bridge No. 26 on NF 48-10	North Vietnam	VK 752127
25X1			BRIEF NO:
	MAP AMS L509 NF 48-10		PIB 65263 May 1966
	LOCATION: 2.3 nm SW of Lang Dong on	Hanoi-Lao Cai Rail Lin	
	DESCRIPTION:		
25X1	WIDTH TYPE Half-through truss	oncrete 'approx.	
	Span destroyed; abutments damage		opp.
	COMPENSATIVE ACTION:		
	None.		
25X1			



Approved For Release 2002000112001780278T05161A001600030001-9

	CIAIM	MAGERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
	wy. Bridge . 22 on NE 48-2	North Vietnam	19 15N - 104 27E VG 434 293
X1			BRIEF NO: PIB 65264 December 1965
MAP AM	IS L509 NE 48-2		December 1965

O.8 nm S.E. of Ban Mon on Route 7

DESCRIPTION:

25X1

50' approx LENGTH

MATERIAL Concrete

LENGTH OF EACH SPAN 50' approx.

STATUS:

Guard rail slightly damaged.

COMPENSATIVE ACTION:

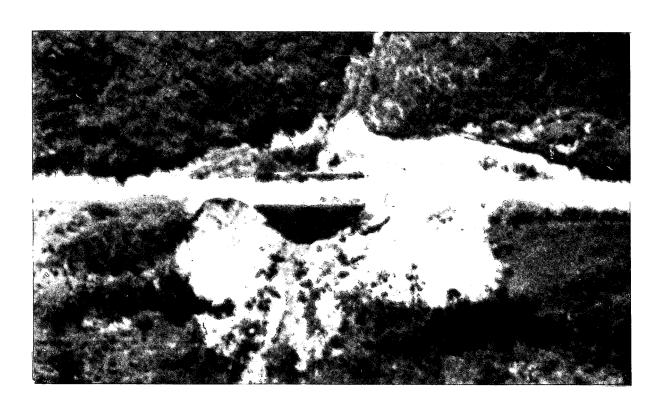
By-pass with culvert - bridge serviceable



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		CIA IM	AGERY ANALYSIS DIVISION	
-	NAME		COUNTRY	COORDINATES
		Hwy. Bridge No. 21 on NE 48-2	North Vietnam	19 08N - 104 41E VG 668 171
Ī	22 2200		, 1101 011 110 0110111	BRIEF NO: PIB 65265
	MAP	AMS L509 NE 48-2		December 1965
	DESCRIPTION:	U.6 nm S.E. OI kne Bo o	n Route 7	
	LENGTH WIDTH TYPE	50' approx. Deck	material Concret no. of spans 1 length of each span 50	
	STATUS:	Serviceable - (pre-stri	ke)	

COMPENSATIVE ACTION:



CIA IMAGERY ANALYSIS DIVISION						
NAME		COUNTRY	COORDINATES			
Gia Ha Hwy. Bridge			19 41N - 105 46E			
Bridge No. 36 on NE 48-3		North Vietnam	WG 820 762			
			BRIEF NO:			
			PIB 65266			
MAP AMS L509	NE 48-3		December 1965			

25X1

O.7 nm E. of Gia Ha on an unnumbered route

DESCRIPTION:

LENGTH 60' approx.

WIDTH 10' approx.

Deck

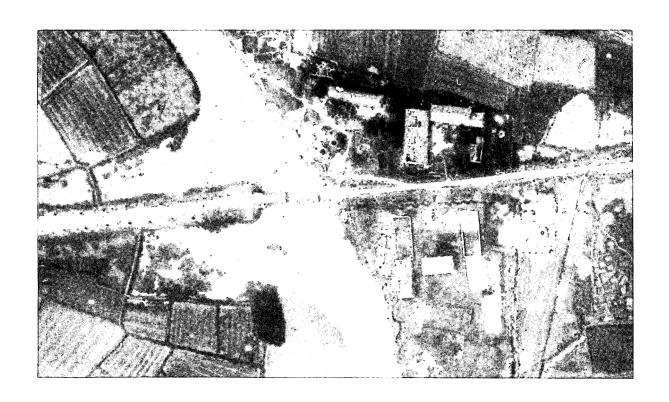
MATERIAL WOOD NO. OF SPANS 2
LENGTH OF EACH SPAN 30' approx.

STATUS:

One span dropped. One abutment moderately damaged.

COMPENSATIVE ACTION:

None

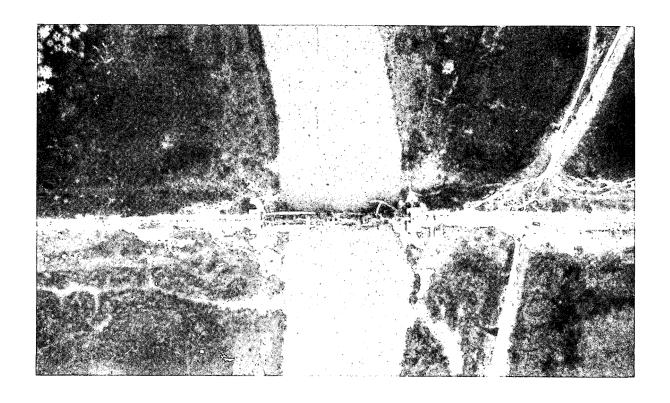


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		C	IA IMAGE	RY ANALYSIS DIVISIO	N	-		
	NAME			COUNTRY		COORDINATES	· · · · · · · · · · · · · · · · · · ·	
		Quang R.R. Bridge				19 37N -		
	Bridge	No. 37 on NE 48-3		North Vietnam		WG 736 6	96	
25X1						BRIEF NO:		_
						PIB 6526'	7	
	MAP	AMS L509 NE	<u> 48-3</u>			December	1965	
	LOCATION	1.2 nm E. of Truong	Quang o	n the Hanoi-Vinh	Railro			
	DESCRIPTION	ON:						
25X1	LENGTH			material Stee	el			
	WIDTH	Single Track		NO. OF SPANS 3				
	TYPE	Deck type girder		LENGTH OF EACH SP	AN			25X ²
	STATUS:	One span dropped.	One span	heavily damaged.	. Pier	s and abutme	ents inta	act.

COMPENSATIVE ACTION:

By-pass bridge and rail approaches under construction.



CIA IMAGERY ANALYSIS DIVISION					
NAME	COUNTRY	COORDINATES			
Dong Huong R.R. Bridge		19 30N - 105 44E			
Dong Huong R.R. Bridge Bridge No. 38 on NE 48-3	North Vietnam	WG 770 579			
		BRIEF NO:			
		PIB 65268			
MAP AMS L509 NE 48	8-3	December 1965			

25X1

O.1 nm E. of Dong Huong on the Hanoi-Vinh Railroad

DESCRIPTION:

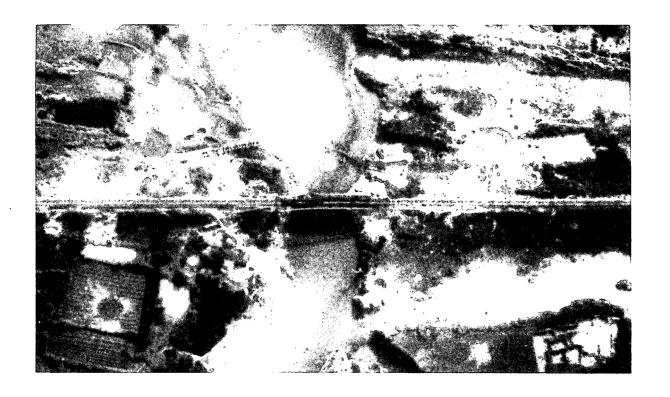
LENGTH 70' approx. WIDTH

70' approx. MATERIAL Steel
Single Track
Deck type girder Length of Each SPAN 70' approx. MATERIAL Steel

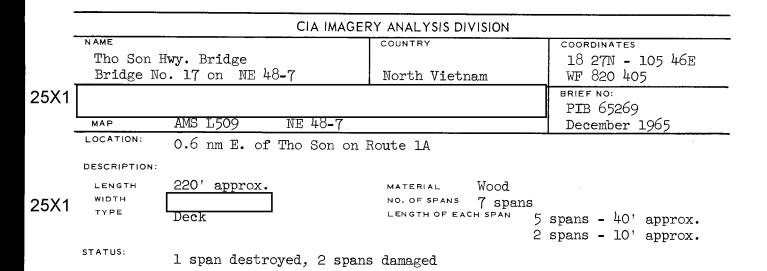
STATUS:

Span moderately damaged, and slightly out of alignment. Abutments intact.

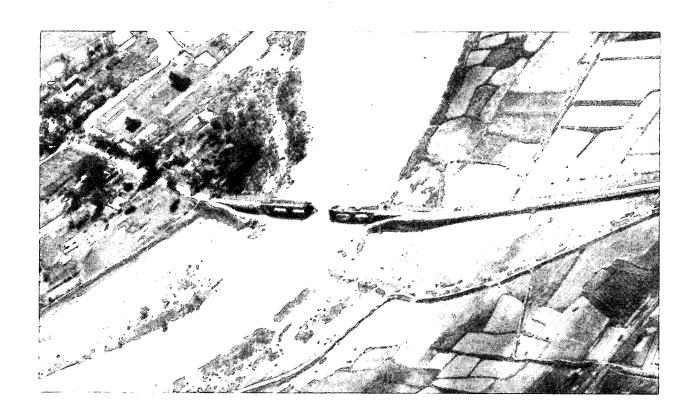
COMPENSATIVE ACTION: Bridge under repair. Possible temporary pier being contructed.



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compensative action: Pontoon bridge



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	,	CIA IMAGER	Y ANALYSIS DIVISION	
N AME	<u> </u>		COUNTRY	COORDINATES
	uc Due Hwy. Bridge idge No. 78 on NE 48-	•7	North Vietnam	18 55N - 105 26E WF 460 925
5X1				BRIEF NO: PIB 65270
MAF	° AMS L509	NE 48-7		December 1965

LOCATION:

0.8 nm W. of Phuc Due on an unnumbered route off Route 7

DESCRIPTION:

LENGTH HTGIW

180' approx.

Undetermined

Deck

MATERIAL

Concrete & Steel probable

LENGTH OF EACH SPAN

3 60' approx.

STATUS:

TYPE

1 span destroyed.

COMPENSATIVE ACTION:

None



	CIĄ I	MAGERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Phu o ng Ti	ch Hwy. Bridge]	18 48N - 105 37E
Bridge No. 79 on NE 48-7		North Vietnam	WF 649 789
			BRIEF NO:
			PIB 65271
MAP	AMS L509 NE 48-7		December 1965
LOCATION:	0.2 nm W. of Phuong	Tich on an unnumbered r	

DESCRIPTION:

25X1

25X1

LENGTH	
WIDTH TYPE	10' approx.
	Deck

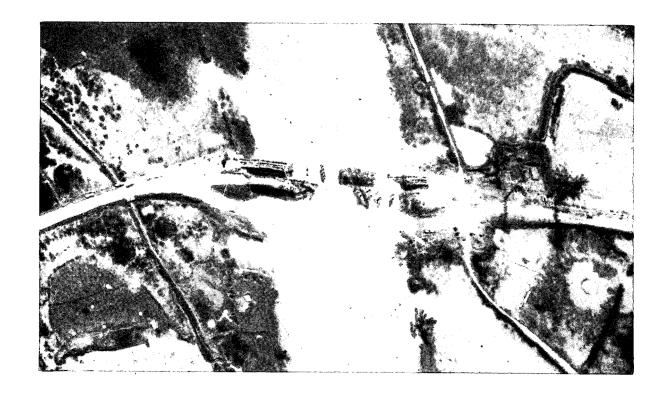
MATERIAL Wood
NO. OF SPANS 15' approx.
LENGTH OF EACH SPAN

25X1

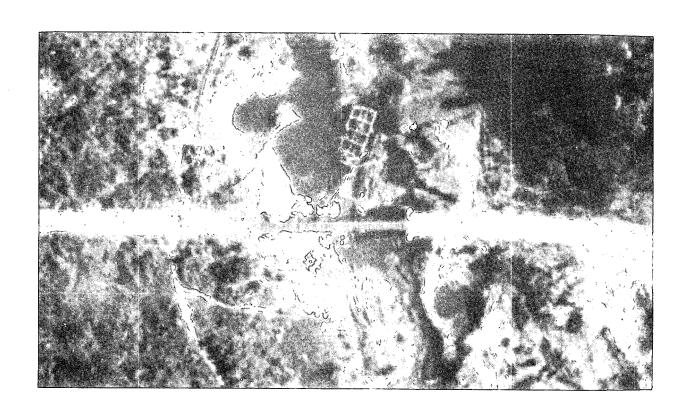
STATUS:

9 spans destroyed. Two spans severely damaged. 4 wooden piers destroyed. 7 wooden piers severely damaged. One abutment moderately damaged.

Attempted construction of a 15-20 span, 200' wood, trestle bridge, adjacent to the old bridge. This was also bombed and rendered unserviceable.



	CIA IMA	AGERY	ANALYSIS DIVISI	ON			
NAME		COUNTRY		COORDINATES			
Xom	Nuoc Nang R.R. Bridge				21 54N - 104	± 30E	
	lge No. 2 on NF 48-10		North Vietnam		VK 647 235		
					BRIEF NO:		
					PIB 65272		
MAP	AMS L509 NF 48-10				December 19	65	
LOCATI	_						
	1.8 nm E. of Xom Nuoc Na	ng on	the Hanoi-Lac	Cai Ra	il Line		
DESCRI							
LENG			MATERIAL WO	od			
WIDTH) approx.		NO. OF SPANS 3				051/4
	Deck type probable beam.		LENGTH OF EACH S	PAN			25X1
STATUS							
	New bridge built to repla						
	appears complete, but new	w trac	ek does not se	em to h	ave been laid ;	yet.	
COMPEN	SATIVE ACTION:						
			I				



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CIA IMAGERY ANALYSIS DIVISION

NAME

Bong Thon R.R. Bridge
Bridge No. 2 on NE 48-3

North Vietnam

MAP

AMS L509

NE 48-3

COORDINATES

19 32N - 105 42E

WG 742 599

BRIEF NO:
PIB 65273

December 1965

25X1

O.5 nm S. of Bong Thon on the Hanoi-Vinh Railroad

DESCRIPTION:

LENGTH 100' approx.
WIDTH Single track
TYPE Through-truss

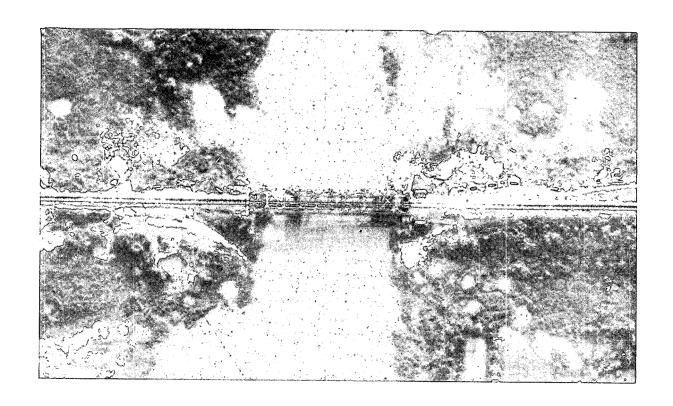
MATERIAL Steel NO. OF SPANS 2

length of Each span 1 @ 25' approx. 1 @ 75' approx.

STATUS:

Approximately 15% of the truss has been heavily damaged. Bridge is serviceable.

COMPENSATIVE ACTION: Repairs on existing bridge.



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	CIA IMAGERY ANALYSIS DIVISION			
	NAME	COUNTRY	COORDINATES	
	Lang Bo R.R. Bridge Bridge No. 4 on NF 48-6	North Vietnam	22 06N - 104 26E VK 420 442	
25X1			BRIEF NO: PIB 65274	
	MAP AMS L509 NF	48-6	December 1965	
	LOCATION: 3.0 nm W. of Lan	g Bo on the Hanoi-Lao Cai Rail Line	e	
	DESCRIPTION:			
25X1	width TYPE Deck type beam	NO. OF SPANS 2	d concrete 2 40', 1 @ 20'	

STATUS:

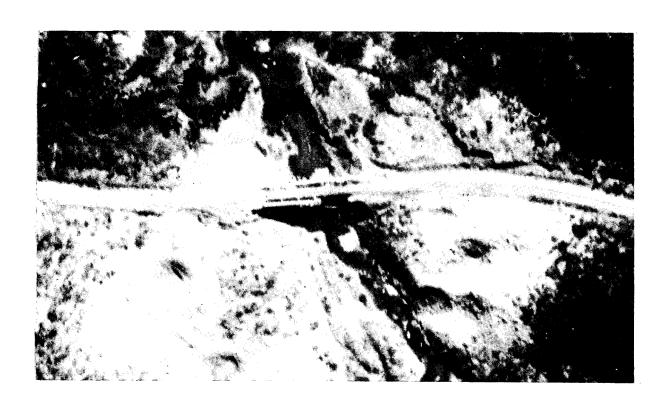
A serviceable replacement deck-type wood beam bridge supported by a wooden lattice tower and the old concrete abutments of the destroyed steel bridge.

25X1



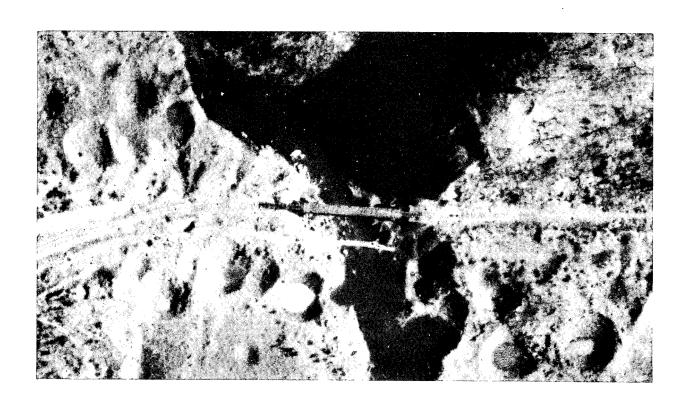
Approved For Release 2002/08/12 : CIA-RDP78T05161A001600030001-9 CONFIDENTIAL

	CIA IMAGERY ANALYSIS DIVISION				
	NAME	COUNTRY	COORDINATES		
	Lang Kon R.R. Bridge Bridge No. 10 on NF 48-6	North Vietnam	22 04N - 104 28E VK 455 412		
25X1			BRIEF NO:		
	MAP AMS L509 NF 48-6		PIB 65275 December 1965		
	LOCATION: 0.7 nm N.E. of Lang Kon or	n the Hanoi-Lao Cai Rail			
	DESCRIPTION:				
25X1	WIDTH TYPE Deck girder	NO. OF SPANS 2	nd Concrete 35' approx.		
	STATUS: Bomb damage to deck has be	een repaired. Bridge is	now serviceable.		
	COMPENSATIVE ACTION:				
		None			
25X1					



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	CIA IMAGE	RY ANALYSIS DIVISION	
N A	IE	COUNTRY	COORDINATES
	Dong R.R. Bridge idge No. 8 on NF 48-6	North Vietnam	22 OLN - 104 311 VK 509 362
(1			BRIEF NO: PIB 65276
MA	P AMS L509 NF 48-6		December 1965
(1 ^w	Deck	NO. OF SPANS	nd possible steel @ 90' approx.
STA	TUS:	1	@ 30' approx. @ 15' approx.
COM	New bridge believed to be by old truss. Track laid on the Approaches are serviceable.		
0011	. 2110111112 1101110111	None	



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•	CIA IMAGERY ANALYSIS DIVISION				
-	N AME	COUNTRY	COORDINATES		
	L. Ngoi Nieou R.R. Bridge	•	22 02N - 104 30E		
	Bridge No. 9 on NF 48-6	North Vietnam	VK 490 373		
05)/4			BRIEF NO:		
25X1			PIB 65277		
	MAP AMS L509 NF	48-6	December 1965		

LOCATION:

0.7 nm E. of L. Ngoi Nieou on the Hanoi-Lao Cai Rail Line

DESCRIPTION:

LENGTH 60' approx.
WIDTH Unknown

Deck probable

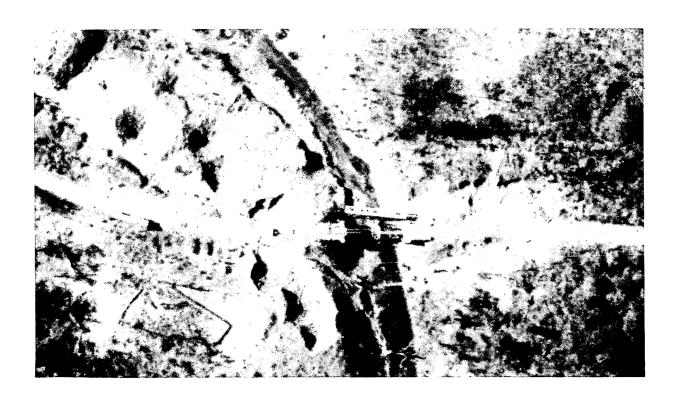
MATERIAL Timber
NO. OF SPANS 2
LENGTH OF EACH SPAN

30' approx.

STATUS:

New bridge under construction. Construction equipment seen in the immediate area.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION					
NAME	COUNTRY	COORDINATES			
Chom La Hwy. Bridge Bridge No. 6 on NF 48-15	North Vietnam	20 06N - 105 34E WH 600 235			
	•	BRIEF NO:			
		PIB 65278			
MAP AMS L509 NF	+8-15	December 1965			

25X1

LOCATION: 0.5 nm S.E. of Chom La on Route 119

DESCRIPTION:

width 120' approx.

10' approx.

Deck probable

MATERIAL Timber

NO. OF SPANS 3 probable

LENGTH OF EACH SPAN 2 @ 35' approx.

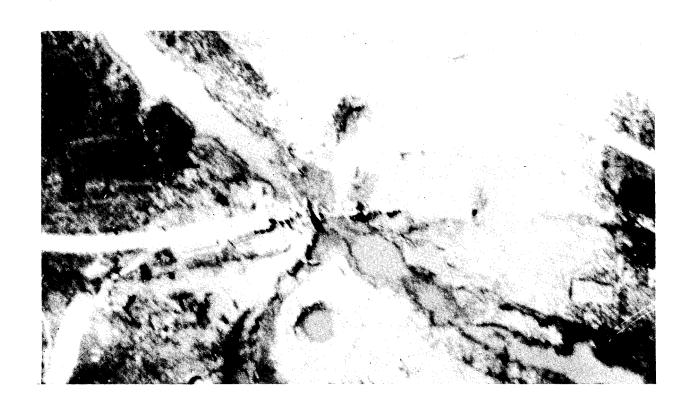
1 @ 50' approx.

STATUS:

Destroyed

COMPENSATIVE ACTION:

Probable dirt fill and culvert by-pass.



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CIA IMAGERY ANALYSIS DIVISION

NAME

Thach Lu Hwy. Bridge

Bridge No. 7 on NF 48-15

North Vietnam

BRIEF NO:

PIB 65279

MAP AMS L509

NF 48-15

December 1965

25X1

O.3 nm S.E. of Thach Lu on Route 119

DESCRIPTION:

width 60' approx.

WIDTH 10' approx.

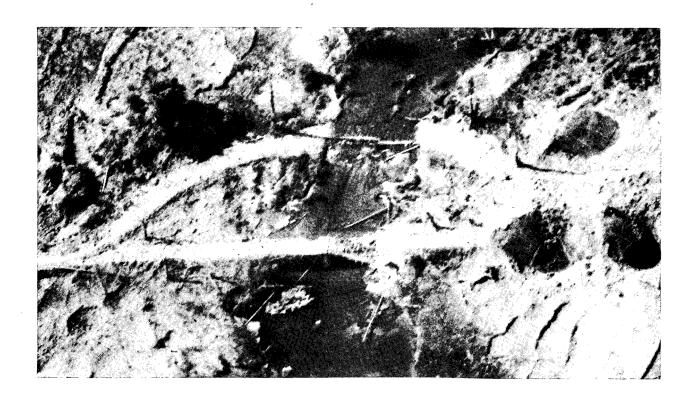
TYPE Deck

MATERIAL Timber with concrete pier NO. OF SPANS 2 LENGTH OF EACH SPAN 30' approx.

STATUS:

1 span dropped. 1 span lightly damaged.

Ford. There also appears to be a rubble Fill over the dropped span, possibly in an effort to make the existing bridge serviceable.



Approved For Release 20(20)(4)(F)(20)(4)(F)(20)(4)(F)(20)(4)(F)(4)

	CIA IMAG	ERY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
25X1	Cao Nung Railroad Bridge over	North Vietnam	21 33N - 106 29E XJ 554 845
25X1		•	BRIEF NO: PIB-65280 December 1965
	MAP AMS L509 NF 48-12		December 1965

O.4 nm SE of Cao Nung on the Hanoi-Dong Dang R.R.

DESCRIPTION:

LENGTH 175' approx.

MATERIAL Steel, timber, concrete

NO. OF SPANS 3 LENGTH OF EACH SPAN 1 Span @ 60' approx.

1 span @ 45' approx.

1 span @ 70' approx.

STATUS:

25X1

The 60' and 45' spans have been destroyed.

COMPENSATIVE ACTION:





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CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Lang Dang Hwy. Bridge 21 39N - 106 35E Bridge No. 3 on NF 48-12 NORTH VIETNAM XJ 646 959 25X1 BRIEF NO: PIB-65281 December 1965 NF 48-12

LOCATION:

0.2 nm NW of Lang Dang on Route 1A

DESCRIPTION:

LENGTH

MATERIAL Concrete NO. OF SPANS 2 LENGTH OF EACH SPAN 25' approx.

STATUS:

25X1

1 span destroyed

COMPENSATIVE ACTION:

Ford



Approved For Release 20020NF2DENTRAP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION

NAME
Son La Highway Bridge Central
Over Nam La

North Vietnam

21 19N - 103 54E

BRIEF NO:
PIB-65282
December 1965

LOCATION:

At Son La on Route 6

DESCRIPTION:

width 10' approx
TYPE Deck

MATERIAL Timber
NO. OF SPANS 6
LENGTH OF EACH SPAN 10' approx

STATUS:

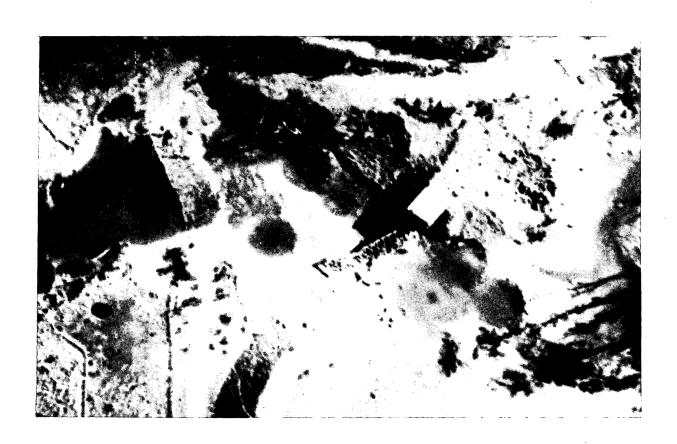
Severe damage to one abutment. Two spans destroyed. Two spans severely damaged.

COMPENSATIVE ACTION:



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	CIA IMA	GERY ANALYSIS DIVISION		
	Phu Le Hwy. Bridge Bridge No. 5 on NF 48-15	COUNTRY North Vietnam	COORDINATES 20 32N - 105 01E WH 025 707	
25X1	MAP AMS L509 NF 48-15		BRIEF NO: PIB-65283 December 1965	
25X1	LOCATION: O.1 S of Phu Le on Route DESCRIPTION: LENGTH WIDTH TYPE Deck	MATERIAL Steel & Co NO. OF SPANS 1 LENGTH OF EACH SPAN		 25X [^]
	STATUS: Bridge completely destroy	ed. Trusswork is lying	g in river bed.	
	compensative action: Ford.			



Approved For Release 200@00174 DENTROP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Ban Hin Lam Hwy. Bridge 21 25N - 103 03E Bridge No. 20 On NF 48-9 North Vietnam TJ 978 703 BRIEF NO: 25X1 PIB 65284 NF 48-9 January 1966

LOCATION:

1.0 nm N.E. of Ban Hin Lam on Route 19

DESCRIPTION:

LENGTH 25X1

20' approx. Deck

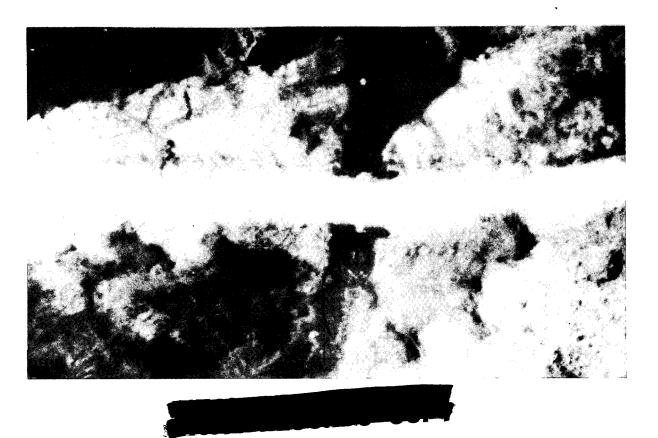
MATERIAL Concrete NO. OF SPANS

LENGTH OF EACH SPAN 10' approx.

STATUS:

Superficial damage to deck. Probably serviceable.

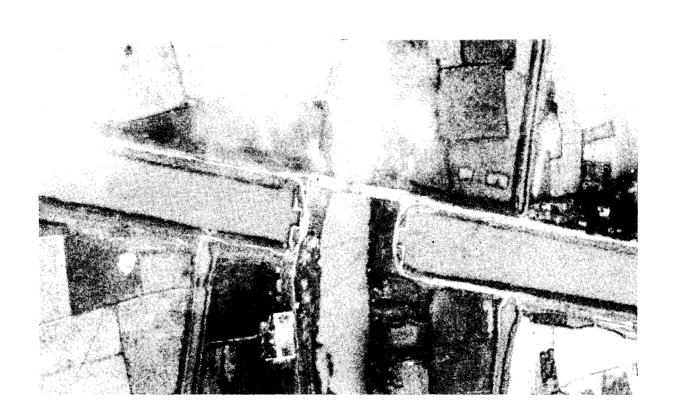
COMPENSATIVE ACTION:



Approved For Release 2002/08/F2D ENTROP78T05161A001600030001-9

Approved For Release 20(20)8/FIDENIT-RAP78T05161A001600030001-9

		CIA IMAGE	ERY ANALYSIS DIVISION	
	NAME Dinh	Thi Hwy. Bridge SE No. 1	COUNTRY	COORDINATES
	on stream Bridge No.	39 on NE 48-3	North Vietnam	19 00N - 105 29E WG 510 023
25X1		•		BRIEF NO: PIB 65285
	MAP	AMS L509 NE 4	8-3	January 1966
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	0.2 nm S. of Dinh Thi on 60' approx. Deck	material Wood prol no. of spans 2	pable 30' approx.
	STATUS:	Both spans dropped. One	pier destroyed.	
	COMPENSATIVE	E ACTION:	None	





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				Y ANALYSIS DIVISION	
,	on stream	Thi Hwy. Bridge 40 on NE 48-3	SE No. 2	COUNTRY North Vietnam	COORDINATES 19 00N - 105 28E WG 505 020
25X1					BRIEF NO: PIB 65287
	MAP LOCATION:	AMS L509	NE 48-3	n unnumbered trai	January 1966
25X1	DESCRIPTION: LENGTH WIDTH TYPE	80' approx. Deck	na ny on e	material Co	ncrete probable
	STATUS:	One span dropped	•		
	COMPENSATIVE	E ACTION:		None	



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	CIA IMAGERY ANALYSIS DIVISION				
		Nguyen Hwy. Bridge on	COUNTRY	COORDINATES	
25X1	Song Cau Bridge No.	6 on NF 48-11	North Vietnam	21 35N - 105 50E WJ 870 883	
25X1				BRIEF NO:	
				JPIB - 65288	
	MAP	AMS L509 NF 48-	11	January 1966	
	LOCATION:	O.1 nm N. of Thai Nguyen	on Route 1B	• • • • • • • • • • • • • • • • • • • •	
	DESCRIPTION:	·			
25X1	LENGTH		MATERIAL Concrete		
	WIDTH TYPE		No. of spans 3 probable	e	
	1465	Deck	LENGTH OF EACH SPAN		25X1
	STATUS:		L		
	51X100.	One span, one pier and or	ne abutment heavily dan	naged.	
	COMPENSATIVE	ACTION: None			



Approved For Release 2002/08/12 DEM-RAP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION NAME Ha Chanh Hwy. Bridge on Stream COORDINATES Route 18 25X1 21 07N - 107 20E Bridge No. 1 on NF 48-12 YJ 437 375 BRIEF NO: North Vietnam 25X1 PIB 65289 NF 48-12 January 1966 LOCATION: 0.8 nm E. of Ha Chanh on Route No. 18 DESCRIPTION: 150' approx. MATERIAL Steel and reinforced concrete LENGTH 25X1 WIDTH NO. OF SPANS TYPE LENGTH OF EACH SPAN Half-through truss 2 spans @ 25' approx. 1 span @ 100' approx. STATUS: One end of main span dropped. Piers and abutments intact.

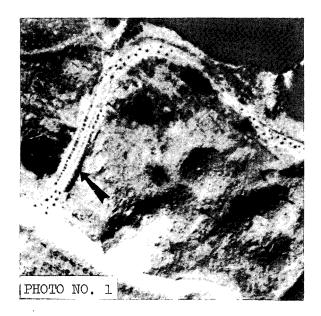
COMPENSATIVE ACTION: None



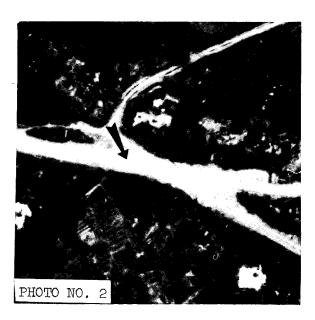
CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Camouflage/Night Convoy Techniques	North Winter	21 19N - 103 55E 48QUJ8758		
recimiques	North Vietnam	#00030750 BRIEF NO:		
		PIB - 65290		
MAP AMS L509 NF 48-10		January 1966		

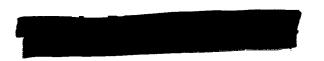
Movable, probably artificial vegetation was observed on a by-pass road near a destroyed bridge 0.2 nm SE of Son La (See Photo No. 1).

Probable night convoy guide lines straddled by vehicle tracks, were observed on Route 6 0.8 nm SE of Son La (See Photo No. 2).



25X1





Approved For Release 2002/08/12 : CIA-RDP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Bac Can Hwy. Bridge over 25X1 Song Cau 22 09N - 105 50E WK 870496 Bridge No. 2 on NF 48-7 North Vietnam BRIEF NO: 25X1 PIB 65291 March 1966 LOCATION: 0.2 nm W of Bac Can on Route 3 DESCRIPTION: LENGTH 290' approx. MATERIAL Steel and concrete WIDTH NO. OF SPANS 25X1 LENGTH OF EACH SPAN 2 - 60' approx., 1 - 120' approx. Half-thru truss and 1 - 50' approx. deck STATUS: 3 spans dropped, 1 pier destroyed. Both abutments heavily damaged. Bridge unserviceable. COMPENSATIVE ACTION:

Ford



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Approved For Release 2000/NFTIDENTALEDP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION					
NAME	COUNTRY	COORDINATES			
Ban Houei Ty Hwy. Bridge Bridge No. 23 on NE 48-2	North Vietnam	19 23N - 104 10E VG 122 442			
	•	BRIEF NO: PIB 65292			
MAP AMS L509 NE 48-2		January 1966			

LOCATION:

25X1

W. edge of Ban Houei Ty

DESCRIPTION:

LENGTH WIDTH

50' approx. 10' approx.

TYPE

Deck

MATERIAL

Concrete

NO. OF SPANS

NO. OF SPANS 2 LENGTH OF EACH SPAN 25' approx.

STATUS:

One span dropped.

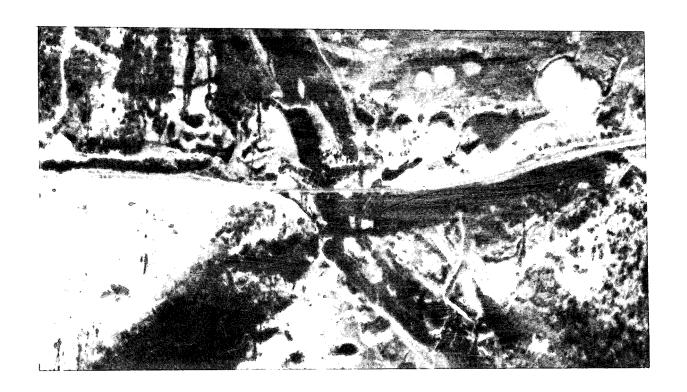
COMPENSATIVE ACTION:

Ford



Approved For Release 20**(2014/14)** [CN47-FA]P78T05161A001600030001-9

			CIA IMAGER	Y ANALYSIS DIVISION		
	NAME Lang	Bun R.R. Bri	dge on Ngoi	COUNTRY	COORDINATES	_
	Bon Bridge No.	1 on NF 48-6		North Vietnam	22 09N - 104 23E VK 368 493	
25X1					BRIEF NO:	_
	MAP	AMS L509	NF 48-6		PIB 65293 January 1966	
	LOCATION:	O.1 nm N.W.	of Lang Bun or	n the Hanoi-Lao Cai	Rail Line	
25X1	DESCRIPTION: LENGTH WIDTH TYPE STATUS:	Deck-type be lattice Serviceable		MATERIAL WOOD P NO. OF SPANS 4 LENGTH OF EACH SPAN	robable	25X′
	COMPENSATIVI	E ACTION:				
25X1						

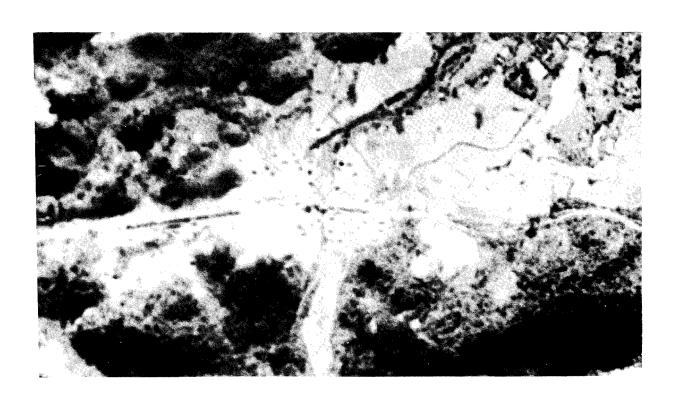


Approved For Release 200@00172 DENTRAP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION COUNTRY NAME Lang Thip R.R. Bridge COORDINATES 25X1 Ngoi Thip 22 07N - 104 25E Bridge No. 5 on NF 48-6 North Vietnam VK 400 460 25X1 PIB 65294 NF 48-6 January 1966 AMS L509 LOCATION: 1.0 nm S.W. of Lang Thip on the Hanoi-Lao Cai Rail Line DESCRIPTION: 60' approx. MATERIAL LENGTH Concrete and steel NO. OF SPANS 1 LENGTH OF EACH SPAN 60' approx. WIDTH Single Track TYPE Deck STATUS: Bridge totally destroyed.

Probably serviceable wood multi-span deck-type beam bridge.

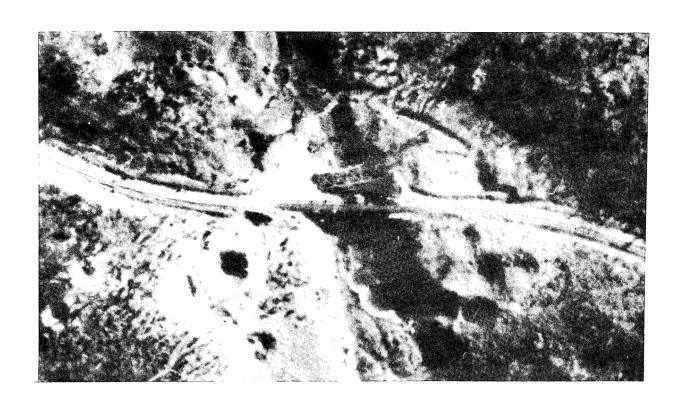
COMPENSATIVE ACTION:



Approved For Release 200**ይወላ** [2] ይ**ር ቤተ** ቸር የ 78 T 05 16 1 A 0 0 1 6 0 0 0 3 0 0 0 1 - 9

Approved For Release 2002/08/13 E NIA-RDP78T05161A001600030001-9

•		CIA IMAGER	RY ANALYSIS DIVISION	
	NAME Lang	Kav R.R. Bridge N.W. on	COUNTRY	COORDINATES
25X1 []]	Ngoi Key Bridge No.	10 on NF 48-6	North Vietnam	22 04N - 104 28E VK 455 412
25X1				BRIEF NO: PIB 65295
	MAP	AMS L509 NF 48-6		January 1966
	LOCATION:	0.7 nm N.E. of Lang Kom o	n the Hanoi-Lao Cai Rai	il Line
	DESCRIPTION:			
25X1	LENGTH WIDTH TYPE	70' approx. Deck Girder	material Steel and (no. of spans 2 length of each span 31	concrete 5' approx.
	STATUS:	Bridge totally destroyed.		
	COMPENSATIV	E ACTION: Serviceable 4-s	pan wood deck-type bear	n bridge.
25X1				

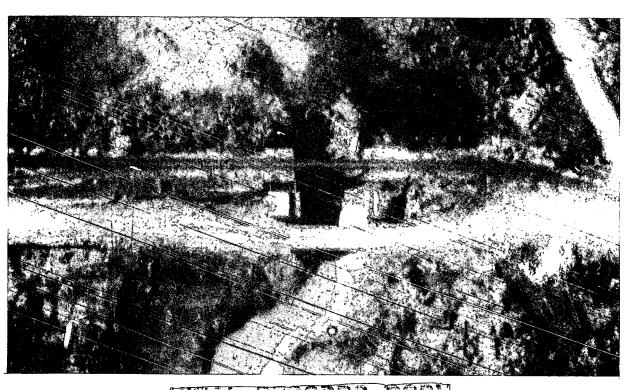


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CIA IMAGERY ANALYSIS DIVISION Yen Bai Hwy. Bridge on Mgoi COUNTRY COORDINATES 25X1 Cuong 21 42N - 104 54E Bridge No. 36 on NF 48-12 North Vietnam VJ 881999 25X1 BRIEF NO: PIB 65296 March 1966 LOCATION: O.1 nm NE of Yen Bai on Route 13A DESCRIPTION: LENGTH 40' approx. MATERIAL Concrete, steel NO. OF SPANS
LENGTH OF EACH SPAN 40' approx. 25X1 TYPE Deck STATUS: Destroyed

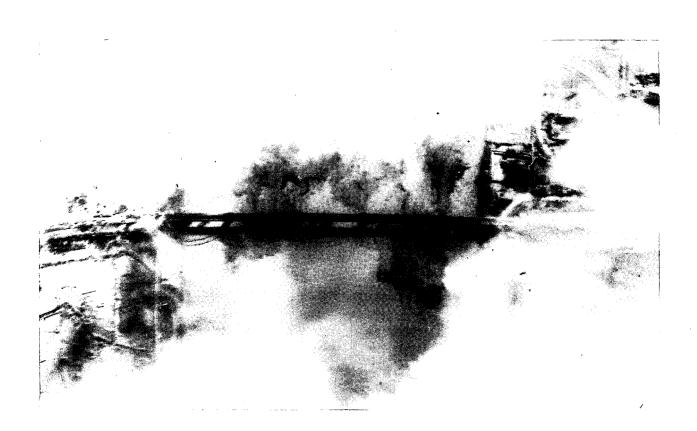
New Deck-type concrete bridge alongside of old abutments.

COMPENSATIVE ACTION:



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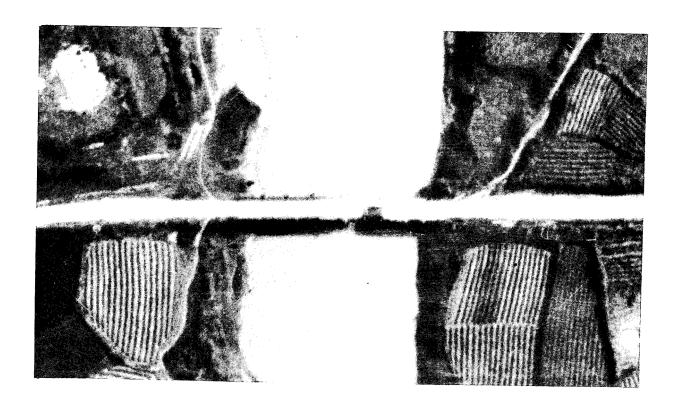
		CIA IMAGE	RY ANALYSIS DIVISION		
25X1	over Thai E	ong R.R. and Hwv. Bridge Binh 8 on NF 48-15	COUNTRY North Vietnam	COORDINATES 20 56N - 106 21E XJ 415 163	
25X1	MAP	AMS 1509	NF 48-15	BRIEF NO: PIB 65297 February 1966	
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	1.0 nm E. of Hai Duong of Through Arch Truss	on Route 5 and Hanoi-Ha MATERIAL Concrete NO. OF SPANS 14 LENGTH OF EACH SPAN	; steel	
	STATUS:	l span lightly damaged.	Ĺ		
	COMPENSATIVE	ACTION:	None		



Approved For Release 2002/03/17 PPT8T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION NAME Xom Trung Hoa Hwy. Bridge W. COUNTRY COORDINATES 25X1 on Stream 18 42N - 105 27E Bridge No. 80 on NE 48-7 North Vietnam WF 472 684 25X1 BRIEF NO: PIB 65298 AMS L509 NE 48-7 January 1966 LOCATION: 0.5 nm E. of Dong Liet on Route 15 DESCRIPTION: LENGTH 120' approx. MATERIAL Steel, concrete, timber WIDTH 10' approx. NO. OF SPANS TYPE LENGTH OF EACH SPAN Deck 15' approx. One span destroyed. STATUS:

compensative action: Partial reconstruction of destroyed span. Ferry crossing.



Approved For Release 20020N/Ft2) ENT-R0278T05161A001600030001-9

Approved For Release 2002/03/12 DEMTRAP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES .		
Ly Hoa Hwy. Bridge		17 40N - 106 30E		
Bridge No. 15 on NE 48-1	North Vietnam	XE 601 538		
		BRIEF NO:		
		PIB 65301		
MAP AMS L509	NE 48-12	February 1966		

25X1

LOCATION:

1.6 nm N.W. of Ly Hoa on Route LA

DESCRIPTION:

WIDTH

TYPE

120' approx.
10' approx.

Deck

MATERIAL Concrete,

Concrete, steel, timber

NO. OF SPANS
LENGTH OF EACH SPAN

30' approx.

STATUS:

1 span moderately damaged.

COMPENSATIVE ACTION:

Ford



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		CIA	IMAGERY ANALYSIS DIVISION		
	NAME		COUNTRY	COORDINATES	-
	Hung Long H Bridge No.	Hwy. Bridge 81 on NE 48-7	North Vietnam	18 15N - 106 03E XF 126 195	
25X1				BRIEF NO: PIB 65302	
	MAP	AMS L509	NE 48-7	February 1966	
	LOCATION:				
	DESCRIPTION:	0.5 nm S.W. of Hun	g Long on an unnumbered Ro	ute.	
25X1	LENGTH		MATERIAL Concret	e, timber probable	
	WIDTH		NO. OF SPANS	3	
	TYPE	Deck	LENGTH OF EACH SPAN		25>
	STATUS:	Center span destro	yed		
	COMPENSATIVE	ACTION:	None		

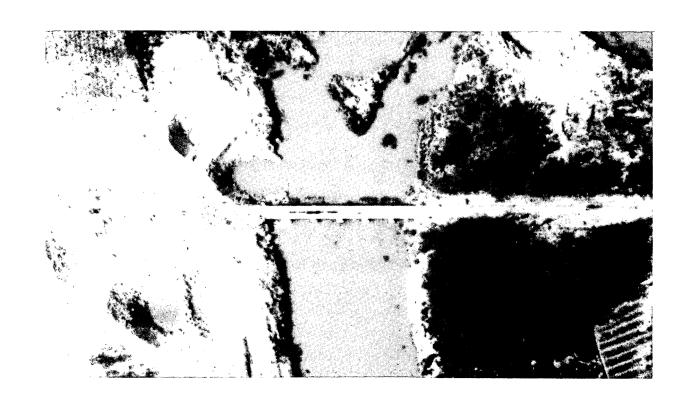


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		CIA IMAGER	RY ANALYSIS DIVISION		
	NAME HOS	an Lao Hwy. Bridge W on	COUNTRY	COORDINATES	_
5X1	stream			17 35N - 106 31E	
,, ()	_Bridge İ	No. 25 on NE 48-12	North Vietnam	XE 615 455	
5X1				BRIEF NO:	_
// 1				PIB 65303	
	MAP	AMS L509 NE 48-12		January 1966	_
	LOCATION:	0.5 nm S.W. of Xom Chua on	Route 107		
	DESCRIPTIO	N:			
5X1	LENGTH		MATERIAL Wood decl	k with concrete piers	
	WIDTH		NO. OF SPANS 6		
	TYPE	Deck	LENGTH OF EACH SPAN		25X′
					*
	STATUS:		L		•
		Serviceable. Decking mode	rately damaged.		

None

COMPENSATIVE ACTION:

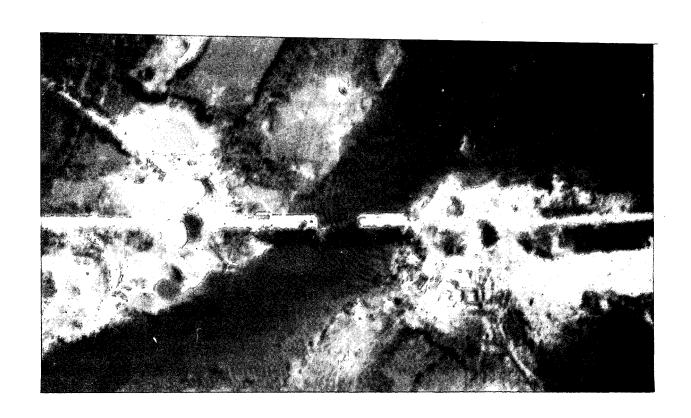


Approved For Release 20**ር ያለ**ያቸ**ነ** ይጭች ዘዲሞ P78T05161A001600030001-9

•	- .		CIA IMAGEI	RY ANALYSIS DIVISION	
•	NAME Phu	oc Due Hwy. Br	idge N. on	COUNTRY	COORDINATES
25X1	stream				17 23N - 106 37E
	Bridge N	o. 17 on NE 48	3-12	North Vietnam	XE 720 230
25X1					BRIEF NO:
					PIB 65304
	MAP	AMS L509	NE 48-12		January 1966
	LOCATION:	1.0 nm N.W. o	of Phuoc Due o	n Route 101	
	DESCRIPTION	l:			
25X1	LENGTH			material Steel,	Concrete
	WIDTH			NO. OF SPANS	
	TYPE	Deck	_	LENGTH OF EACH SPAN	45' approx.
	STATUS:				-
		I span and I	abutment dest	royed. 2 spans dama	aged.

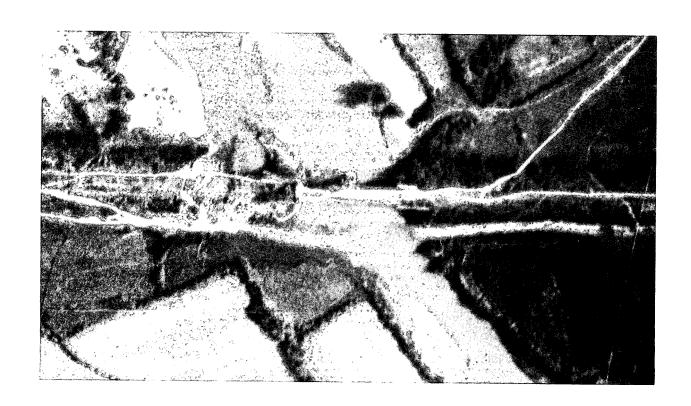
None

COMPENSATIVE ACTION:



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	_	CIA IMAG	ERY ANALYSIS DIVISION		_
	NAME		COUNTRY	COORDINATES	_
		R.R. Bridge No. 26 on NE 48-12	North Vietnam	17 34N - 106 30E XE 613 444	
25X1	MAP	ANG TEOO NELLE		BRIEF NO: PIB 65305	-
	LOCATION:	AMS L509 NE 48-12	7.74	January 1966	_
25X1	DESCRIPTION LENGTH WIDTH TYPE	O.5 nm N.W. of Phuc Loc o		d concrete	25)
	status: Deck of	l span moderately damaged	. Bridge serviceable.		
	COMPENSATI	VE ACTION:	Ford		



Approved For Release 2002/08/17 DEW - RIA 78T05161A001600030001-9

	CIA IMAGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Xom Lang Foot Bridge Bridge No. 27 on NE 48-12	North Vietnam	17 34N - 106 30E XE 610 420
K1		BRIEF NO:
		PIB 65306 January 1966
MAP AMS L509 NE 48-	-12	January 1966

0.5 nm S.E. of Xom Lang on an unnumbered trail

DESCRIPTION:

25X1

LENGTH WIDTH

20' approx.

Undetermined

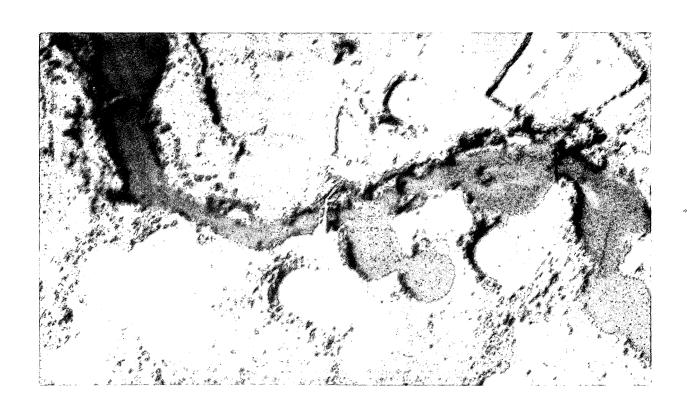
MATERIAL Wood

NO. OF SPANS Undetermined
LENGTH OF EACH SPAN Undetermined

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:



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			CIA IMAGE	RY ANALYSIS DIVISION	
-	My Tho Bridge	Hwy. Bridge No. 16 on NE 1	8-12	COUNTRY North Vietnam	COORDINATES 17 12N - 106 51E XE 963 030
5X1[MAP	AMS L509	NE 48-12	•	BRIEF NO: PIB 65307 January 1966

LOCATION:

0.3 nm N. of My Tho on Route 103

DESCRIPTION:

25X1

width
TYPE
Deck

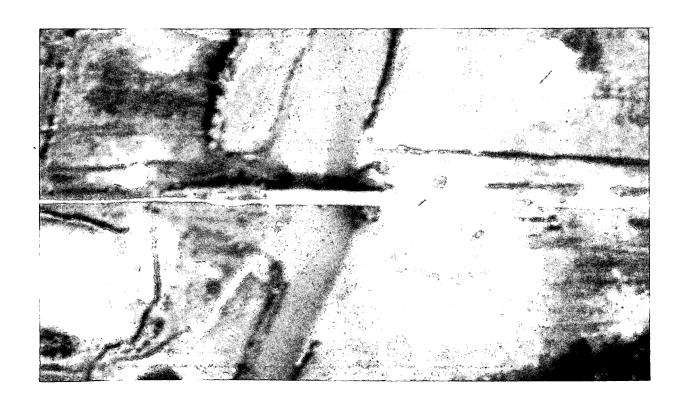
MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN

35' approx.

STATUS:

Center of 1 span is collapsed.

COMPENSATIVE ACTION:



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		CIA IMA	GERY ANALYSIS DIVISION		
	Phu Thiet Hwy Bridge No. 28	y. Bridge	COUNTRY	17 11N - 106 53E	 .
25X1			North Vietnam	YE 003 019 BRIEF NO: PIB 65308	
	LOCATION:	L509 NE 48-12 nm S.W. of Phu Thiet	on an unnumbered trail	January 1966	-
25X1	LENGTH WIDTH TYPE Deck	2	MATERIAL Timber NO. OF SPANS 6 LENGTH OF EACH SPAN		25X
	status: 5 sp	pans destroyed. lab	utment damaged.		
	COMPENSATIVE ACT	FION:			



Approved For Release 200208413 ENATEDP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION					
NAME	COUNTRY	COORDINATES			
An Dinh Hwy. Bridge Bridge No. 8 on NE 48-12	North Vietnam	17 16N - 106 46E XE 889 109			
23.2380		BRIEF NO:			
		PIB 65309 January 1966			
MAP AMS L509 NE 4	8-12	January 1966			

25X1

LOCATION: 0.6 nm S.W. of An Dinh on Route 1A

DESCRIPTION:

LENGTH 125' approx.
WIDTH 10' approx.

TYPE Deck

MATERIAL Concrete NO. OF SPANS 5 probable LENGTH OF EACH SPAN 25' approx.

STATUS:

1 abutment destroyed. End of 1 span dropped.

COMPENSATIVE ACTION:

Ford



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Approved to Release 200 CONFIDENTIA	
	VIIAL MEDONDO DUI

CIA IMAGE	RY ANALYSIS DIVISION	
NAME Ban Tan Phao Hwy. Bridge over	COUNTRY	COORDINATES
Se Bang Fai Bridge No. 8L on NE 48-11	Laos	17 25N - 105 42E WE 755273
		BRIEF NO:
MAP AMS TOG 1501	NF 12 17	PIB 65310

0.2 nm E of Ban Ton Phao on Route 23. LOCATION:

DESCRIPTION:

LENGTH WIDTH

130' approx. 10' approx.

Deck

MATERIAL Wood

NO. OF SPANS indeterminate

indeterminate

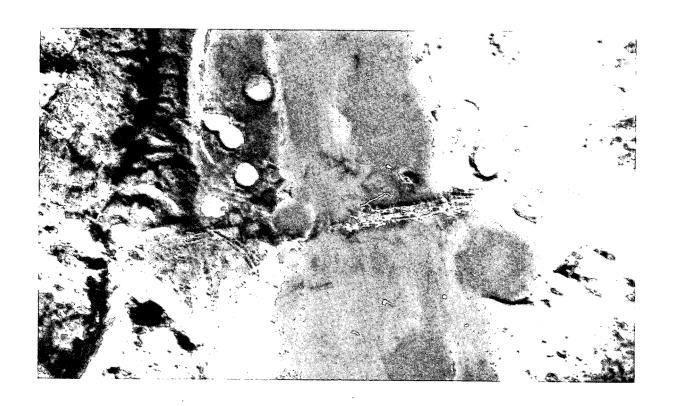
STATUS:

25X1

25X1

Entire bridge heavily damaged; unserviceable.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME

Ban Hang Kane Hwy. Bridge II

Bridge No. 5L on NE 48-11

Location:

COORDINATES

17 35N - 105 29E

WE 516 440

BRIEF NO:

PIB 65311

February 1966

DESCRIPTION:

East edge of Ban Hang Kane on Route 12

LENGTH

25X1

WIDTH TYPE 15' approx.

MATERIAL NO. OF SPANS Wood

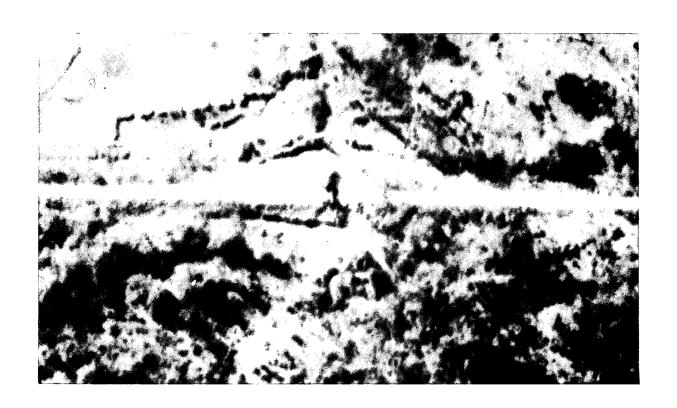
LENGTH OF EACH SPAN

15' approx.

STATUS:

Bridge destroyed

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME

Ban Hang Kane Hwy. Bridge III

Bridge No. 6L on NE 48-11

Laos

MAP

AMS JOG 1501

COUNTRY

COORDINATES

17 35N - 105 28E

WE 508 441

BRIEF NO:
PIB 65312
February 1966

25X1

LOCATION:

0.2 nm W. of Ban Hang Kane on Route 12

DESCRIPTION:

LENGTH WIDTH 30' approx.

TYPE

10' approx.

Deck

MATERIAL WOOD NO. OF SPANS

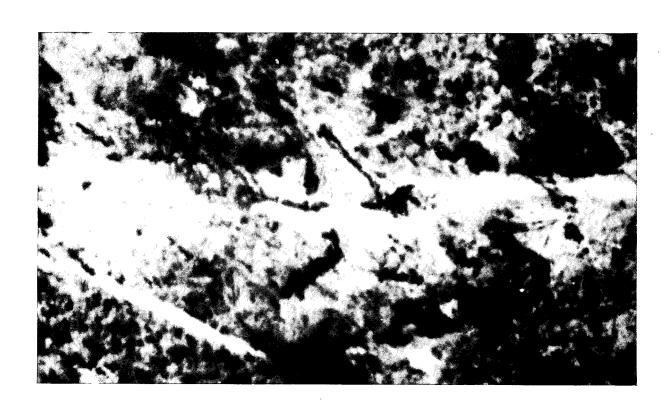
LENGTH OF EACH SPAN

30' approx.

STATUS:

Bridge destroyed

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME

Ban Hang Kane Hwy. Bridge I

Bridge No. 4L on NE 48-11

AMS JOG 1501

COORDINATES

17 35N - 105 29E

WE 519 440

BRIEF NO:
PIB 65313

February 1966

LOCATION:

0.4 nm E. of Ban Hang Kane on Route No. 12

DESCRIPTION:

20' approx.
WIDTH 10' approx.

Deck

MATERIAL WOOD NO. OF SPANS

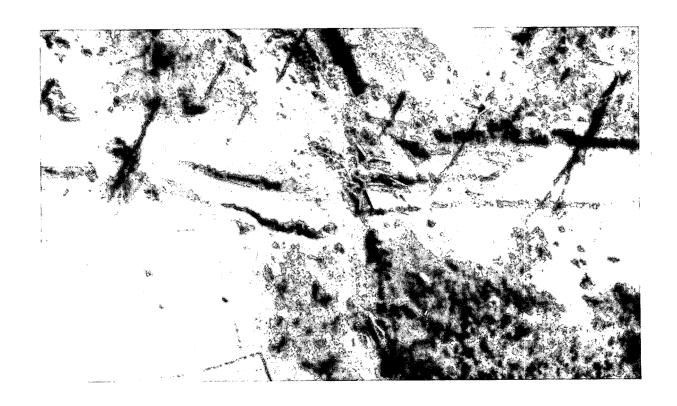
LENGTH OF EACH SPAN

20' approx.

STATUS:

Bridge destroyed.

COMPENSATIVE ACTION:



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		CIA IMAGERY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
	Ban Xieng Dao Hwy. Bridge Bridge No. 3L on NE 48-11	Laos	17 34N - 105 30E WE 535 438
1			BRIEF NO: PIB 65314
	MAP AMS JOG 1501	NE 48-11	February 1966

25X1

O.7 nm W. of Ban Xieng Dao on Route 12

DESCRIPTION:

LENGTH WIDTH TYPE 25' approx. 10' approx.

Deck

MATERIAL NO. OF SPANS Wood

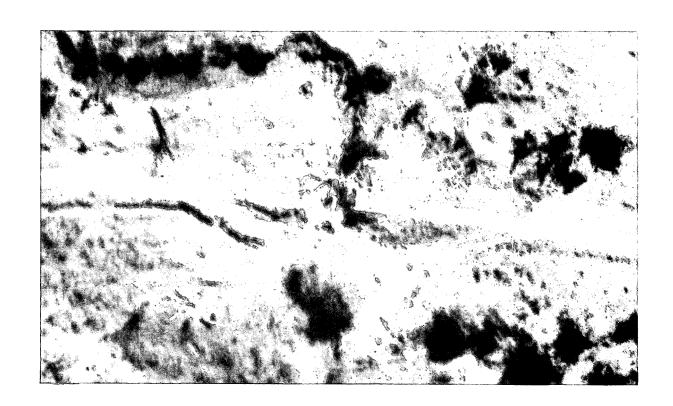
LENGTH OF EACH SPAN

25' approx.

STATUS:

Bridge destroyed.

COMPENSATIVE ACTION:



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CIA	IMAGERY ANALYSIS DIVISI	ON
NAME	COUNTRY	COORDINATES
Ban Ta Lak Hwy. Bridge		17 34N - 105 37E
Bridge No. 1L on NE 48-11	Laos	WE 669 438
K1		BRIEF NO:
~ 1		PIB 65315
MAP AMS JOG 1501 NE	48-11	February 1966

In the village of Ban Ta Lak on Route 12

DESCRIPTION:

LENGTH 25X1

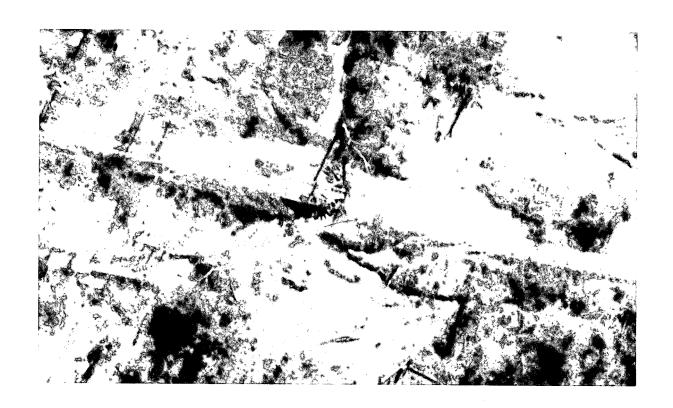
35' approx. Deck

Wood NO. OF SPANS] LENGTH OF EACH SPAN

STATUS:

One end of bridge heavily damaged, one abutment moderately damaged.

COMPENSATIVE ACTION:



Approved For Release 20(27)(8)(12): ENAT-POP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Ban Na Thinh Hwy. Bridge 17 34N - 105 36E Bridge No. 2L on NE 48-11 WE 651 439 Laos 25X1 PIB 65316 February 1966 LOCATION:

25X1

0.4 nm E. of Ban Na Thinh on Route 12

DESCRIPTION:

LENGTH WIDTH

20' approx.

Deck

MATERIAL Wood NO. OF SPANS LENGTH OF EACH SPAN

20' approx.

STATUS:

Bridge destroyed

COMPENSATIVE ACTION:



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CIAIM	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Tan Ly Hwy. Bridge		17 47N - 105 59E
Bridge No. 31 on NE 48-11	North Vietnam	XE 050 660
	•	BRIEF NO:
		PIB 65317
MAP AMS L509 NE 48-	11	February 1966

LOCATION:

25X1

0.8 nm N.W. of Tan Ly on Route 110

DESCRIPTION:

LENGTH WIDTH TYPE

40' approx. 10' approx.

Deck

MATERIAL Probable timber No. of spans 2 probable LENGTH OF EACH SPAN 40' approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME Nape Hwy. Bridge over Nam COUNTRY COORDINATES
Phao Bridge No. 1L on NE 48-7 Laos WF 081236

BRIEF NO:
PIB 65318

MAP AMS L1501 NE 48-7 March 1966

LOCATION: 0.9 nm SW of Nape on Route 8

DESCRIPTION:

LENGTH 270' approx.
WIDTH 10' approx.

Half-through truss

MATERIAL Concrete, steel

LENGTH OF EACH SPAN 90' approx.

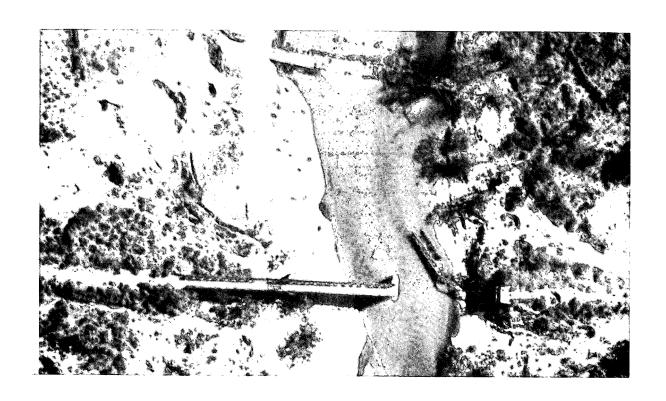
STATUS:

25X1

25X1

1 span destroyed.

COMPENSATIVE ACTION: Temporary timber bridge and causeway



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	MAGERY ANALYSIS DIVISI	
NAME	COUNTRY	COORDINATES
Nape Hwy. Bridge		18 19N - 105 07E
Nape Hwy. Bridge Bridge No. 2L on NE 48-7	Laos	WF 122 260
*		BRIEF NO:
		PIB 65319
MAP AMS L 1501 NE 48	3-7	February 1966

LOCATION:

25X1

1.8 nm N.E. of Nape on Route 8

DESCRIPTION:

50' approx. 10' approx. LENGTH WIDTH

Deck

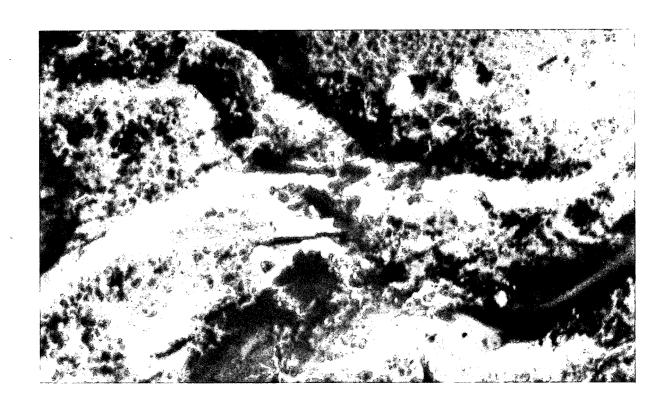
NO. OF SPANS

No. OF SPANS 2 probable LENGTH OF EACH SPAN 25' approx.

STATUS:

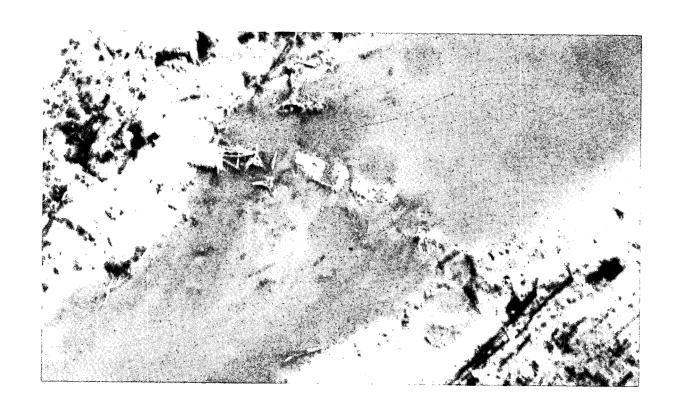
Destroyed

COMPENSATIVE ACTION:

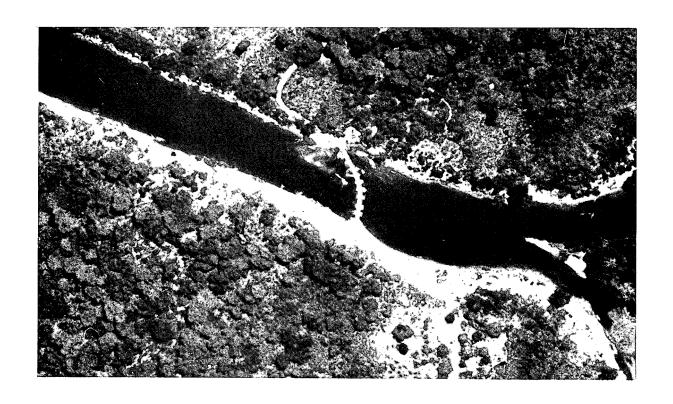


Approved For Release 2002/08/12 10014-RDP78T05161A001600030001-9

			RY ANALYSIS DIVISION		
25X1	over Se Bar	Pak Pha Nang Hwy. Bridge ng Fai 7L on NE 48-11	COUNTRY	17 23N - 105 44E	
25X1				WE 780235 BRIEF NO: PIB 65320	-
25X1	MAP LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	AMS JOG 1501 NE 48-1 At north edge of Ban Pak 10' approx. Pontoon	Nang on Route 23	February 1966 . bable	 25X1
	STATUS: COMPENSATIVE	Bridge completely destro	yed. Ford		
25X1					



	,	Approved For Release 2	200 2006NFIDENFP AZ8T0	05161A001600	030001-9	
						25X1
		CIA	IMAGERY ANALYSIS DIVISI	ON		
25X1	on Se Bang	Pak Pha Nang Hwy. Br Fai 7L on NE 48-11	idge country Laos	17	rdinates 7 23N = 105 44E 3 780235	
25X1				BRIE	EF NO: B 65321	
	MAP	AMS JOG 1501	NE 48-11	Fe	bruary 1966	
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	At north edge of B 10' approx. Pontoon	an Pak Pha Nang on Row MATERIAL NO. OF SPANS LENGTH OF EACH S	Wood 10		25X1
	STATUS:	Pre-strike				25/(1
	COMPENSATIVE	ACTION:				
25X1						



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-	NAME CIA I	MAGERY ANALYSIS DIVISION	
	Phuong Hoang Hwy. Bridge Bridge No. 66 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 13N - 106 04E XF 138 146
5X1	MAP AMS L509	NE 48-7	BRIEF NO: PIB 65322 February 1966

DESCRIPTION:

WIDTH

TYPE

STATUS:

0.5 nm N. of Phuong Hoang on Route 1A

100' approx. 15' approx.

Deck

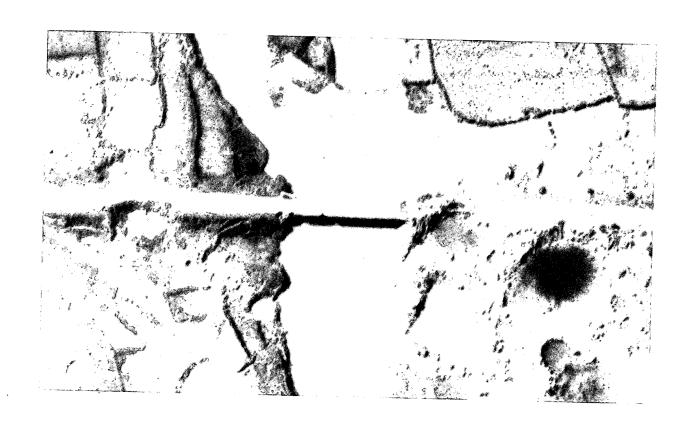
MATERIAL Wood and concrete
NO. OF SPANS
LENGTH OF EACH SPAN
25' approx.

Deck has superficial damage; north abutment is heavily damaged.

25X1

COMPENSATIVE ACTION:

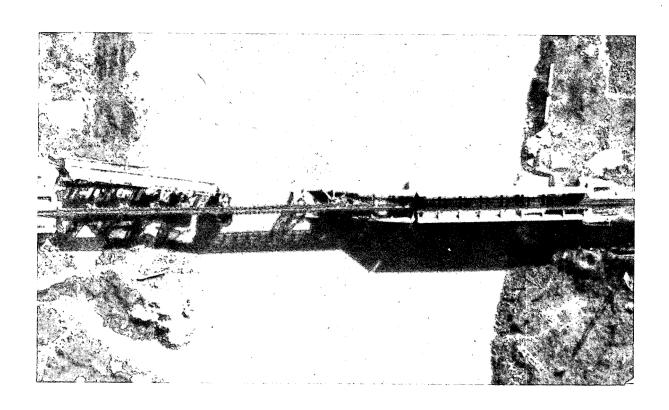
None



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•					_
		CIA IMAGEF	RY ANALYSIS DIVISI	NC	
•	NAME Dien C	AME Dien <u>Chau R.R. Bridge</u> on	COUNTRY	COORDINATES	-
25X1	Song Bang	6 on NE 48-7	North Vietnar	18 58N - 105 35E WF 613 978	
25X1		0 012 112 10 1		BRIEF NO: PIB 65323	-
	MAP	AMS L509	NE 48-7	February 1966	
	LOCATION:	1.6 nm S.W.of Phu Dien C	hau on the Hanoi	-Vinh Rail Line	_
	DESCRIPTION:				
	LENGTH WIDTH TYPE	380' approx. 20' approx. Half-through truss and deck beam	MATERIAL NO. OF SPANS LENGTH OF EACH SF	Steel, concrete, and wood 8 'AN 1 @ 130' approx., 2 @ 50' and 6 @ 25' approx.	approx.
	STATUS:				
	COMPENSATIVE	replaced the two other d spans are supported by t	estroyed half-th wo original cond	Seven deck beam spans have trough truss spans. The new trete piers, 6 wooden towers, butment.	and





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	CIA IMAGE	RY ANALYSIS DIVISION	ON
25X1 -	NAME Sepone Hwy. Bridge over the Se Bang Hieng Bridge No. 2L on NE 48-15	country Laos	COORDINATES 16 41N - 106 13E XD 301462
25X1	MAP AMS L509 NE 48-15		BRIEF NO: PIB 65324 April 1966

LOCATION: 1.4 nm WNW of Sepone on Route 9.

DESCRIPTION:

LENGTH 600' approx. 25X1

MATERIAL Concrete and steel

NO. OF SPANS 6

Through truss bridge

MATERIAL Concrete and steel

NO. OF SPANS 6

LENGTH OF EACH SPAN 2 @ 80' approx., 2 @ 130' approx.

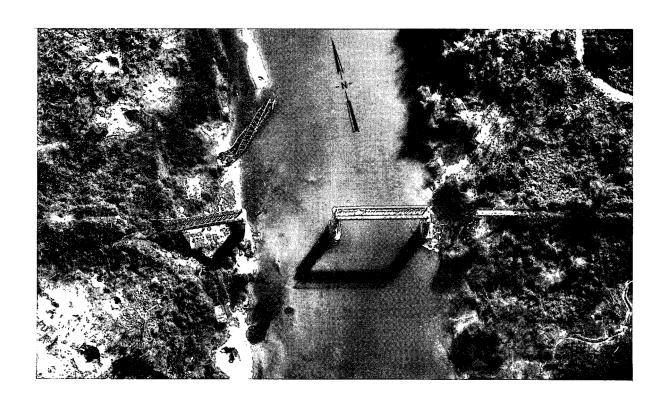
1 @ 110' approx., 1 @ 60' approx.

STATUS:

1 span damaged; 3 spans destroyed.

COMPENSATIVE ACTION:

One ford immediately north of bridge; one ford immediately south of bridge.



Approved For Release 2002/08/42:GIA-RDP78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION NAME La Trang Hwy. Bridge S.W. on COUNTRY COORDINATES 25X1 stream 17 50N - 105 47E WE 841 729 Bridge No. 14 on NE 48-11 North Vietnam 25X1 BRIEF NO: PIB 65325 AMS L509 NE 48-11 February 1966 LOCATION:

0.8 nm N. of Ba Nan on Route 15

DESCRIPTION:

25X1

LENGTH WIDTH

40' approx. Deck

MATERIAL bcoW

LENGTH OF EACH SPAN

20' approx.

STATUS:

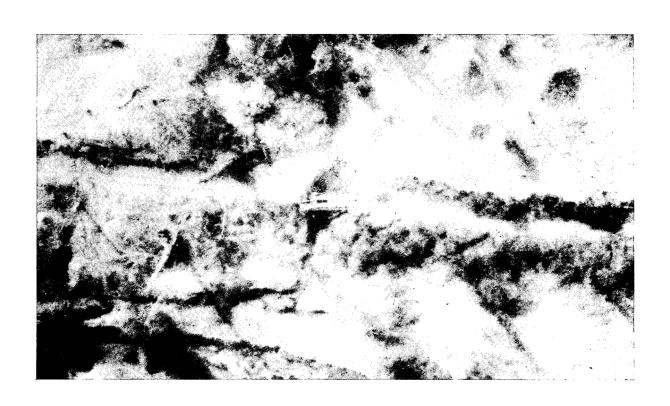
Moderate to heavy damage to deck.

COMPENSATIVE ACTION:



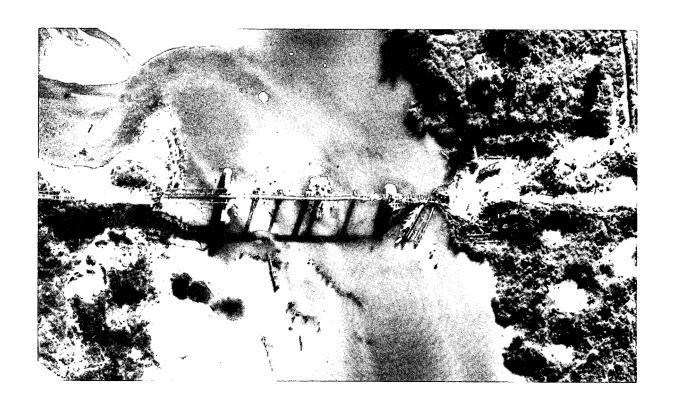
Approved For Release 2002/08/12 10 PAPE 8T05161A001600030001-9

		CIA IMA	l		
	NAME		COUNTRY	COORDINATES	
		k Hwy. Bridge No. 18L on NE 48-11	Laos	17 39N - 105 10E WE 184521	
25X1				BRIEF NO: PIB 65326	
	MAP	AMS JOG (A) 1501	NE 48-11	March 1966	
	LOCATION:	0.9 nm N of Ban Itak	on Route 8		
25X1	DESCRIPTION: LENGTH WIDTH TYPE	Deck	material Ti no. of spans length of each spai	mber 2 probable	25X′
	STATUS:	Severe deck damage.	Probable abutment da	m a ge.	
	COMPENSATIVE	ACTION:			
			Mono		



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		CIA IMAGE	RY ANALYSIS DIVISION		-
25X1	Ngan Sau	e Thon R.R. Bridge over	COUNTRY	COORDINATES 18 03N - 105 49E	-
	Bridge No.	13 on NE 48-7	North Vietnam	WE 876 975 BRIEF NO:	•
25X1				PIB 65327	
	MAP	AMS L509	NE 48-7	February 1966	_
	LOCATION: DESCRIPTION:	0.8 nm S.E. of La Khe Th	on on Vinh-Dong Hoi Ra	il Line	•
25X1	LENGTH WIDTH TYPE	10' approx. Trestle and half-thru tr	NO. OF SPANS	, wood, concrete piers abutments	and 25 X1
	STATUS:	One span heavily damaged	. One span out.		20/(1
	COMPENSATIVE	Rebuilding bridge	at time of photograph	у.	
25X1					



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<u></u>	CIA IMAGI	ERY ANALYSIS DIVISION	
N	NAME	COUNTRY	COORDINATES
	Trai Tranh Xom R.R. Bridge Bridge No. 69 on NE 48-7	North Vietnam	18 05N - 105 48E WE 852 990
5X1 🔽			BRIEF NO: PIB 65328
_	MAP AMS L509	NE 48-7	February 1966

LOCATION:

0.6 nm S.W. of Trai Tranh Xom on Vinh-Dong Hoi Rail Line

DESCRIPTION:

55' approx.5' approx. LENGTH WIDTH

Trestle

MATERIAL Wood and concrete NO. OF SPANS 1 LENGTH OF EACH SPAN 55' approx.

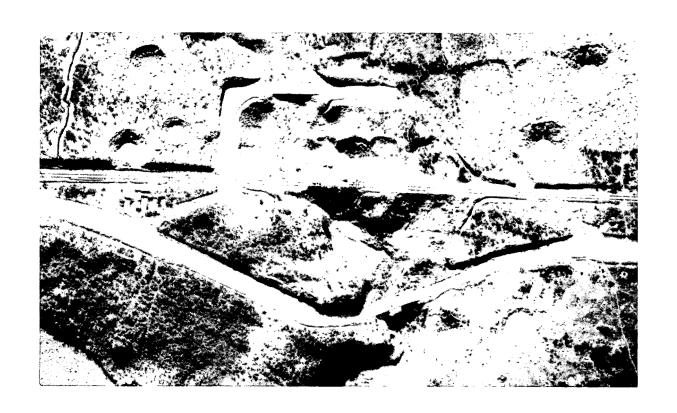
STATUS:

Has been repaired and is now serviceable.

COMPENSATIVE ACTION:

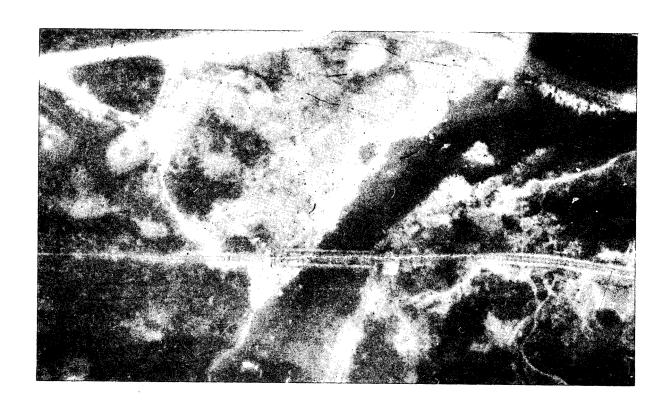
None

25X1



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			5.4	** · · · · · · · · · · · · · · · · · ·
			RY ANALYSIS DIVISION	
		Duc Thon R.R. Bridge	COUNTRY	COORDINATES
25X1	over Khe B	a Giang		18 03N - 105 50E
20/(1	Bridge No.	7 on NE 48-7	North Vietnam	WE 886 964
25X1				BRIEF NO:
		AMO TEOO	1 O	J PIB 65329
	MAP	AMS L509	NE 48-7	February 1966
	LOCATION:			
	DESCRIPTION:	0.5 nm N.W. of Bai Duc!	Thon on Vinh-Dong Hoi	Rail Line
	LENGTH WIDTH	140' approx. 10' approx.	MATER:AL Steel and	concrete
	TYPE	Through truss	LENGTH OF EACH SPAN	140' approx.
	STATUS:			
		Serviceable		
	COMPENSATIVE	ACTION: Bridge has been	repaired and now is se	rviceable.
25X1				
	1			



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Thay Hwy. Bridge over COUNTRY COORDINATES
Houei Acai 16 35N - 106 05E
Bridge No. 1L on NE 48-15 Laos XD 161 342

BRIEF No:
PIB 65 330

MAP AMS L509 NE 48-15 February 1966

LOCATION:

25X1

25X1

1.2 nm N.E. of Ban Thay on Route 9

DESCRIPTION:

TYPE

TYPE

75 approx.

10 approx.

Deck

MATERIAL Timber probable
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 25' approx.

STATUS:

Heavily damaged; unserviceable.

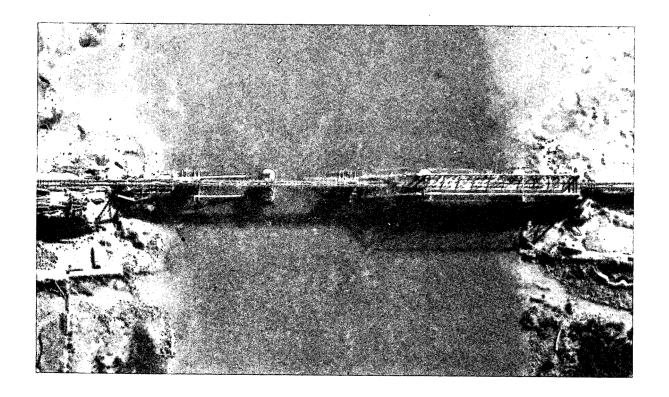
COMPENSATIVE ACTION:

None



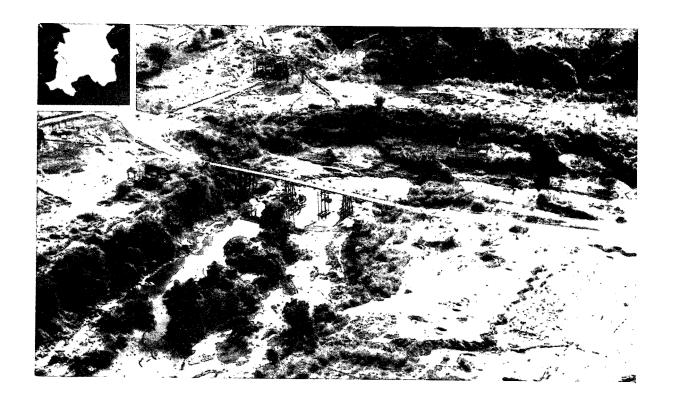
Approved For Release 2002/08/120 ENA-PAP78T05161A001600030001-9

•	CIA IMAGERY ANALYSIS DIVISION					
•	NAME Tam Da	R.R. and Hwy. Bridge	COUNTRY	COORDINATES		
25X1	over Song C		North Vietnam	18 50N - 105 39E WF 689 840		
25X1				BRIEF NO: PIB 65331		
	MAP	AMS L509	NE 48-7	February 1966		
•	LOCATION:					
	DESCRIPTION:	2.3 nm N.E. of Tam Da on	Hanoi-Vinh Rail Line	`		
25X1	LENGTH WIDTH TYPE	380' approx. Half-through truss and deck beam	material Steel and No. of spans 5 Length of Each span 1 @	d concrete 140' approx., 4 @ 60' approx		
	the	e original half-through tr e other two destroyed span ginal concrete piers, two	ns. The four new spans new probable concrete	are supported by two piers and an abutment;		
	COMPENSATIVE	ACTION:	bridge is service	eable.		
	Br ap	idge is now being used fo	or rail only, a pontoon serves as the highway b	bridge located bridge.		
25X1						



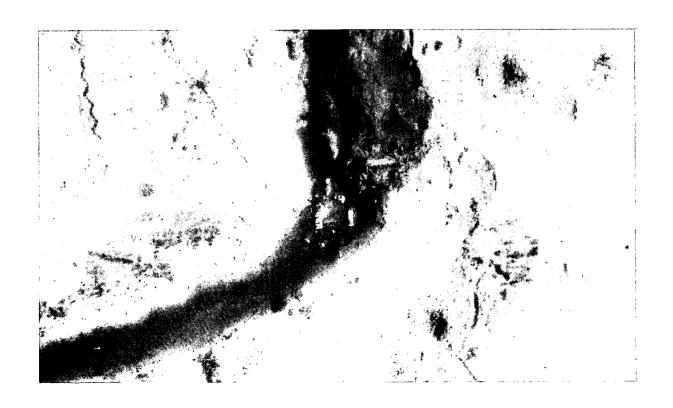
Approved For Release 2002/08/17 ENTROP78T05161A001600030001-9

•				ANALYSIS DIV	ISION		
25X1	Bridge on	Nhommarath Keo Hestream Stream 9L on NE 48-11		COUNTRY 8.05		COORDINATES 17 36N - 105 10E WE 187 460	
25X1	MAP LOCATION:	AMS LOG 1501 At the south edg	NE 48-11 ge of Ban 1	Mhommereth K	oo oo Pou	BRIEF NO: PIB 65332 February 1966	
25X1	DESCRIPTION: LENGTH WIDTH TYPE STATUS:	10' approx. Deck Pre-strike	ge or hair i		Steel and		25X1
	COMPENSATIVE	ACTION:					
25X1							



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-		CIAI	MAGERY ANALYSIS DIVIS	ION	_
- 25X1	over stream	ommarath Keo Hwy. Br			_
25X1	Bridge No.	9L on NE 48-11	Laos	WE 187 460 BRIEF NO: PIB 65333	_
25X1	MAP LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	AMS JOG 1501 At the south edge of 10' approx. Deck	NE 48-11 of Ban Nhommarath Kecomaterial MATERIAL NO. OF SPANS LENGTH OF EACH	Steel and wood 5	_ 25X1
	STATUS:	ACTION	Approaches interdicte	ed.	
25X1		Probable fo	ora.		



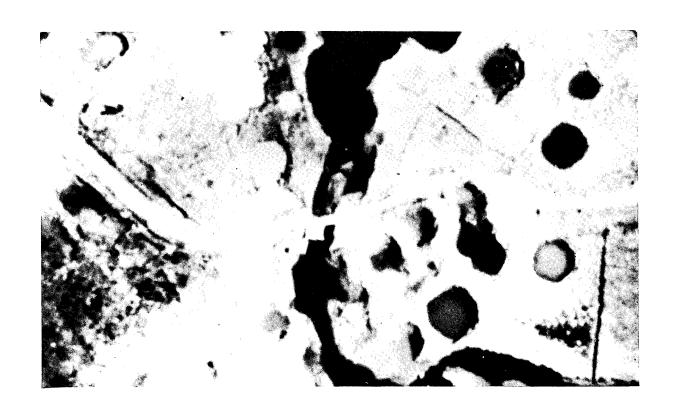
Approved For Release 2002/09/12 DEN FIAT 78T05161A001600030001-9

		IA IMAGERY ANALYSIS DIVISION	
05.74	NAME Qui Trinh Hwy. Bridge	COUNTRY	COORDINATES
25X1	Bridge No. 13 on NE 48-12	North Vietnam	17 12N - 106 43E XE 830034
25X1			BRIEF NO:
	MAP AMS L509	NE 48-12	PIB 65334 March 1966
	LOCATION: 0.4 nm SW of Qui	Trinh on Route 101	
	DESCRIPTION:		
	LENGTH 60' approx.	MATERIAL Concrete	
25X1	TYPE	NO. OF SPANS 2 LENGTH OF EACH SPAN	
	Deck	3	O' approx.
	STATUS:		
	Deck moderately	damaged; light damage to abu	tments.
	COMPENSATIVE ACTION: Bridge fo	ormerit tree not conviced la	
	rebuilt a	ormerly was not serviceable. and deck repaired to make br	Approacnes have been idge serviceable.
25X1			



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			CIA IMAGER	RY ANALYSIS DIVISION	1	
25X1	Nam Youm		Bridge over	COUNTRY		COORDINATES 21 27N - 103 04E
	Bridge No.	14 on NF 4	8-9	North Vietnam		TJ 999757
25X1						BRIEF NO: PIB 65335
	MAP	AMS L509		NF 48-9		March 1966
•	LOCATION:		of Ban Pan Yang	on Route 19,		
	DESCRIPTION:					
	LENGTH	<u>75 '</u>		MATERIAL Conc	rete	
25X1	WIDTH TYPE	Deck		NO. OF SPANS LENGTH OF EACH SPA	N 75'	
	STATUS:					
	317103.	Destroyed	and reconstruc	ted.		
	COMPENSATIVE	ACTION:				
25X1						



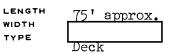
Approved For Release 20(20)18/14 PD EN4T-PAPP78T05161A001600030001-9

	CIA IM	AGERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Ban Tao Hwy. Br	ridge		21 27N - 103 04E
Bridge No. 5 or	NF 48-9	North Vietnam	TJ 999757
			BRIEF NO:
			PIB 65335
MAP AMS L	509 NF 48 - 9		September 1966
LOCATION: 0.8 nm	n W of Ban Pan Ya	ng on Route 19.	

DESCRIPTION:

25X1

25X1



MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 75 approx.

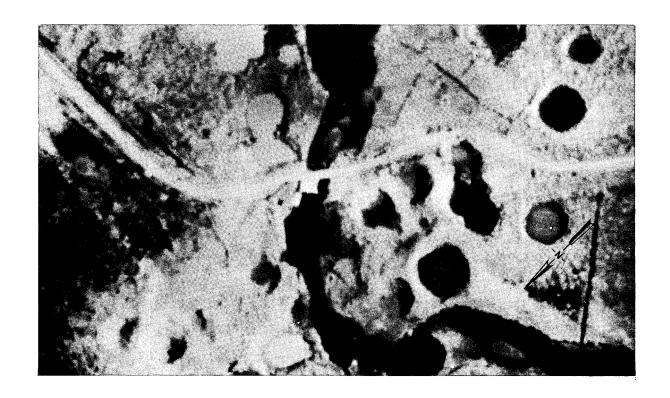
STATUS:

Span dropped; abutments intact.

COMPENSATIVE ACTION:

By-pass road and rock-fill causeway.

NOTE: This PIB replaces PIB 65335 dated January 1966 (Destroy all copies).



Approved For Release 2002/08/12D CHATROP78T05161A001600030001-9

	CIA IMAGERY ANALYSIS DIVIS	SION
NAME	COUNTRY	COORDINATES
Ban Nahai Hwy. Bridge Bridge No. 10L on NE 48	-ll Laos	17 33N - 105 15E WE 260411
		BRIEF NO: PIB - 65336
MAP AMS JOG (A)	1501 NE 48-11	February 1966

LOCATION:

25X1

1.0 nm NW of Ban Nahai on Route 12

DESCRIPTION:

LENGTH WIDTH TYPE 55' approx.
10' approx.

TO' approx.

MATERIAL WOOD NO. OF SPANS

LENGTH OF EACH SPAN

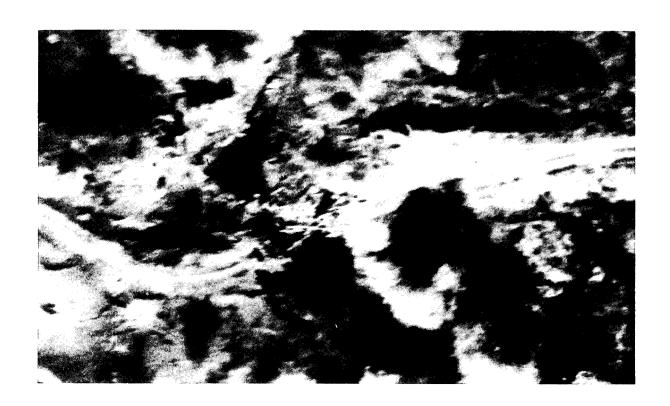
55**¹**

STATUS:

Completely destroyed

COMPENSATIVE ACTION:

By-pass ford to south



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		CIA IMAGE	RY ANALYSIS DIVISION	
25X1	over Khe Ad	Duong Dau Hwy. Bridge 68 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 08N - 105 45E WF 782 060
25X1	МАР	AMS 1509	NE 48-7	BRIEF NO: PIB 65337 February 1966
	LOCATION:	O.1 nm W. of Duong Dau o		1001 0001
25X1	LENGTH WIDTH TYPE	90' approx. Deck	MATERIAL WOOD 83 NO. OF SPANS LENGTH OF EACH SPAN	nd concrete 3 30' approx.
	STATUS:	Reconstructed and is ser	viceable.	
	COMPENSATIVE	ACTION:		
25X1				



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Hou Bang Hwy. Bridge		18 31N - 105 29E	
Bridge No. 3 on NE 48-7	North Vietnam	WF 513468	
		BRIEF NO:	
		PIB 65338	
MAP AMS L509	NE 48-7	March 1966	

LOCATION:

0.5 nm SE of Hou Bang on Route 8

DESCRIPTION:

LENGTH WIDTH 160' approx.
15' approx.

Deck

NO. OF SPANS

Steel, wood and concrete

ength of Fach span

O' approx.

STATUS:

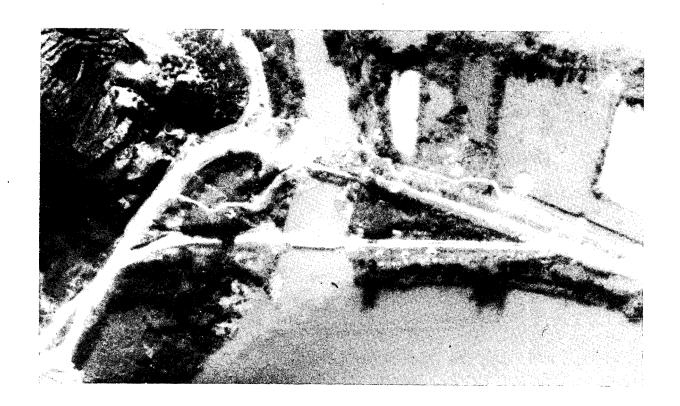
Bridge destroyed (converted to foot bridge)

COMPENSATIVE ACTION:

New bridge

25X1

25X1



Approved For Release 2002/09/112 DCIN-110/178T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION NAME Khe Chai Hwy. Bridge NE COUNTRY COORDINATES 19 04N - 104 50E 19 on NE 48-2 Bridge No. North Vietnam VG 825 079 BRIEF NO: PIB 65339 March 1966

LOCATION: 0.4 nm NE of Ban Khe Chai on Route 7

DESCRIPTION:

25X1

25X1

LENGTH 75' approx. WIDTH 10' approx.

MATERIAL Steel and concrete NO. OF SPANS LENGTH OF EACH SPAN 75' approx. Half through truss

STATUS:

Span damaged.

COMPENSATIVE ACTION:

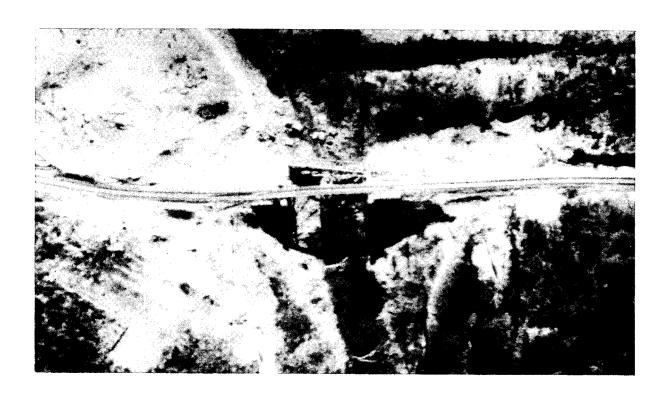
Span has been reinforced; ford.

25X1



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	CIA IMAGERY ANALYSIS DIVISION									
25X1	Nam Linh	•	. Bridge over	COUNTRY	22 02N - 104 30E					
	Bridge No.	9 on NF	48-6	North Vietnam	VK 490373					
25X1					BRIEF NO: PIB 65340					
	MAP	AMS L50	9	NF 48-6	March 1966					
	LOCATION:	0.7 nm	E of L. Ngoi Nieou	on Hanoi-Lao Cai Rail	Line					
	DESCRIPTION:									
25X1	LENGTH WIDTH TYPE	60' app Half-th	rox. rough truss	MATERIAL Wood and st NO. OF SPANS 2 LENGTH OF EACH SPAN 301	eel approx.					
	STATUS:	Complet	ely destroyed							
	COMPENSATIVE ACTION:		New deck type bridge with lattice tower supports replaces destroyed bridge.							
25X1										



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CIA IMAGERY ANALYSIS DIVISION COUNTRY Kim Nac Hwv. Bridge COORDINATES 25X1 18 13N - 106 02E Bridge No. 23 on NE 48-7 XF 100155 North Vietnam 25X1 PIB 65341 February 1966 LOCATION: 0.3 nm NE of Kim Nac on Route LA DESCRIPTION: LENGTH 90' approx. MATERIAL Dood NO. OF SPANS
LENGTH OF EACH SPAN 45' approx. WIDTH 10' approx. TYPE Deck STATUS: Bridge has been repaired COMPENSATIVE ACTION: 25X1

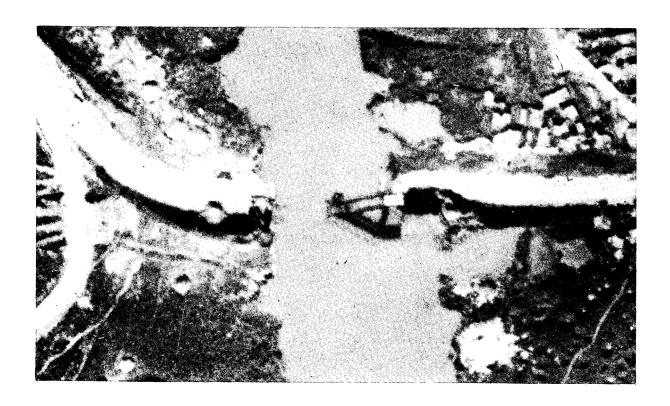


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NAME		COUNTRY	COORDINATES
Don Cay Hw	y. Bridge		18 25N - 105 42E
Bridge No.	61 on NE 48-7	North Vietnam	WF 738365
	·	·	BRIEF NO: PIB 65342
MAP	AMS L509 0.5 nm SE of Don Cay	NE 48-7	T March 1966
LENGTH WIDTH TYPE STATUS:	140' approx. 10' approx. Deck	MATERIAL WOOD NO. OF SPANS LENGTH OF EACH SPAN	1 - 50' approx. 3 - 20' approx. 1 - 30' approx.
	Four spans destroyed	, one span dropped; two p	iers destroyed.

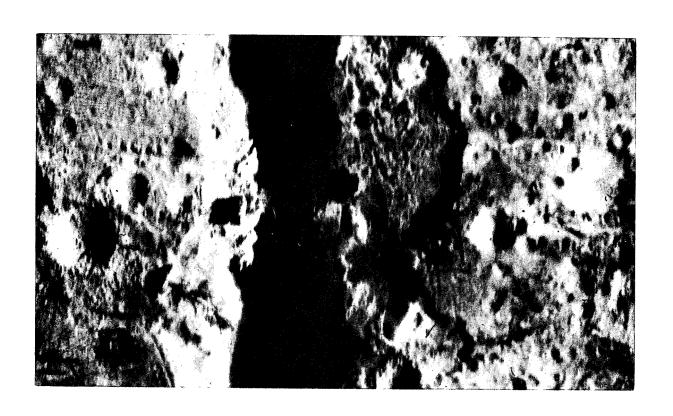
25X1

25X1



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CIA IMAGERY ANALYSIS DIVISION COUNTRY Ban Boung Bau Hwy. Bridge COORDINATES 25X1 17 34N - 105 14E 12L on NE 48-11 WE 241424 25X1 PIB 65343 JOG (A) 1501 March 1966 LOCATION: 0.1 nm W of Ban Boung Bau on Route 12 DESCRIPTION: LENGTH 250' approx. MATERIAL Steel and concrete NO. OF SPANS
LENGTH OF EACH SPAN
2 - 45'approx. WIDTH 25X1 Probable half through truss STATUS: Heavily damaged - one pier intact. COMPENSATIVE ACTION: None



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			CIA IMAGE	RY ANALYSIS DIVISION				
	NAME			COUNTRY	COORDINATES			
	Dia Linn Hw Bridge No.	y. Bridge 55 on NE 48-	7	North Vietnam	18 18N - 105 43E WF 764 246			
25X1	MAP	AMS LEGO	NE 18 7		BRIEF NO: PIB 65344	_		
	LOCATION:	AMS L509	NE 48-7		February 1966			
	DESCRIPTION:	5.8 nm E.N.	E. of Dia Li	nn on Route 15				
25X1	LENGTH WIDTH			MATERIAL WOOD NO. OF SPANS 2				
	TYPE	Deck		LENGTH OF EACH SPAN		25X1		
	STATUS:							
	Reconstructed - fully serviceable.							
	COMPENSATIVE	ACTION: By-	pass ford to	south				
25X1								



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CIA IMAGERY ANALYSIS DIVISION					
NAME		COUNTRY	COORDINATES		
Ban I. Lar	ne Hwy. Bridge		17 30N - 105 21E		
Bridge No.	. 11L on NE 48-11	Laos	WE 372352		
		•	BRIEF NO:		
			PIB 65345		
MAP	JOG (A) 1501	NE 48-11	March 1966		

25X1

1.2 nm NE of Ban I. Lane on Route 12 LOCATION:

DESCRIPTION:

LENGTH WIDTH

60' approx. 10' approx.

TYPE

Deck

MATERIAL

Wood NO. OF SPANS

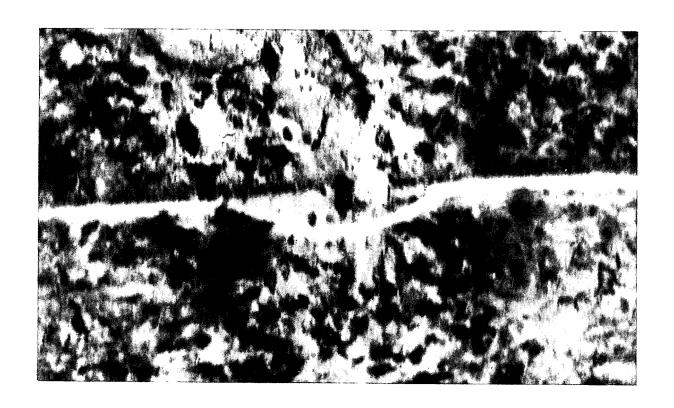
LENGTH OF EACH SPAN

20' approx.

STATUS:

· Completely destroyed

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION				
NAME		COUNTRY	COORDINATES	
Lang Ban Hwy. Bridge Bridge No. 85 on NE 48-7		North Vietnam	18 19N - 105 45E WF 809262	
			BRIEF NO: PIB 65346	
MAP	AMS L509	NE 48-7	March 1966	

LOCATION:

25X1

3.0 nm W of Lang Ban on Route 152

DESCRIPTION:

LENGTH WIDTH

15' approx. 15' approx.

Arch

MATERIAL Concrete probable NO. OF SPANS

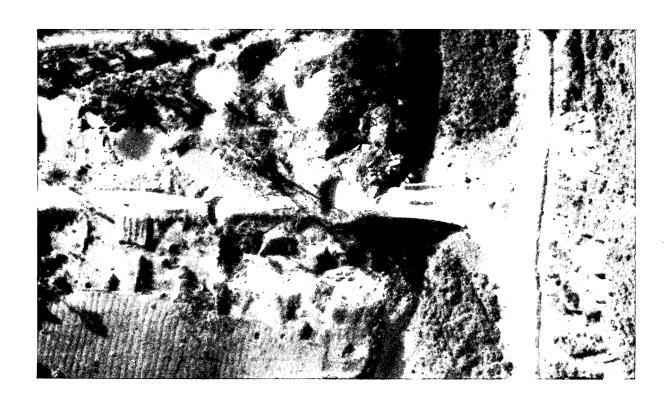
15' approx. LENGTH OF EACH SPAN

STATUS:

Abutment damaged severely

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Ban Khouam Pho Hwy. Bridge	17 29N - 105 25E			
Bridge No. 14L on NE 48-11 Laos		WE 444 340		
	<u> </u>	BRIEF NO:		
		PIB 65347		
MAP AMS JOG 1501	NE 48-11	February 1966		
LOCATION:	NH 10-FE	1 1 CD1 dd1 y 1900		

25X1

0.5 nm S.W. of Ban Khoum Pho on Route 12

DESCRIPTION:

30' approx. LENGTH 10' approx. HTGIW TYPE

Deck

MATERIAL Timber

NO. OF SPANS 2 LENGTH OF EACH SPAN 15' approx.

STATUS:

Destroyed

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Ban Bo Hwy. Bridge		17 33N - 105 25E		
Bridge No. 15L on NE 48	3-11 Iaos	WE 450 410		
		BRIEF NO:		
		PIB 65348		
MAP AMS JOG 150	NE 48-11	February 1966		

LOCATION:

25X1

2.0 nm S. of Ban Bo on Route 12 DESCRIPTION:

LENGTH WIDTH

40 'approx.
10'approx.

Deck

MATERIAL Timber No. of spans 2 probable LENGTH OF EACH SPAN

20' approx.

STATUS:

TYPE

Destroyed

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES 16 42N - 106 12E Ban Nado Hwy. Bridge XD 282466 Bridge No. 3L on NE 48-15 Laos BRIEF NO: 25X1 PIB 65349 March 1966 MAP AMS JOG (A) 1501 NE 48-15

LOCATION:

2.5 nm SE of Ban Nado on Route 9

DESCRIPTION:

25X1

LENGTH 210' approx. Deck

MATERIAL Timber decking and steel beams probable

NO. OF SPANS
LENGTH OF EACH SPAN
70' approx.

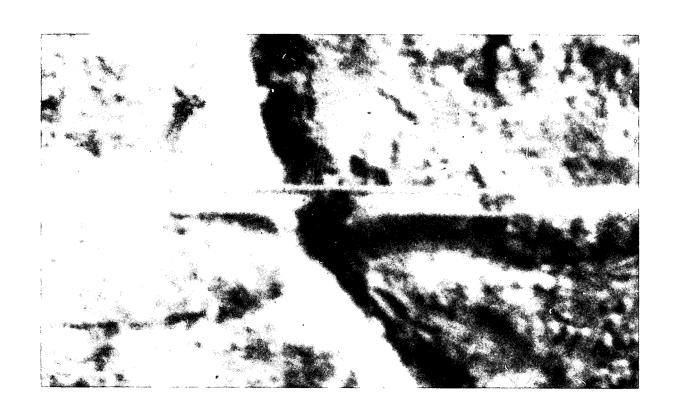
STATUS:

TYPE

Heavy damage to 2 spans

COMPENSATIVE ACTION:

None



CIA IMAGERY ANALYSIS DIVISION NAME Ban Same Ala Hwy. Bridge COUNTRY COORDINATES 25X1 16 37N - 106 32E Bridge No. 1L on NE 48-16 Laos XD 623 380 25X1 BRIEF NO: PIB 65350 AMS JOG 1501 NE 48-16 February 1966

LOCATION:

0.7 nm E. of Ban Same Ala on Route 9

DESCRIPTION: LENGTH

WIDTH

TYPE

50' approx.

Deck probable

10' approx.

MATERIAL NO. OF SPANS

Timber probable

NO. OF SPANS 2 probable 25' approx.

STATUS:

Destroyed

COMPENSATIVE ACTION:

Probable ford



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CIA IMAGERY ANALYSIS DIVISION COUNTRY Ban I Lane Hwy. Bridge over COORDINATES 25X1 gully 17 30N - 105 19E Bridge No. Laos WE 339 354 25X1 PIB 65351 AMS I509 NE 48-11 February 1966

LOCATION:

1.4 nm N.W. of Ban I Lane on Route 12

DESCRIPTION:

LENGTH WIDTH

50' approx.

10' approx. Deck

MATERIAL Timber

NO. OF SPANS 2 span probable

LENGTH OF EACH SPAN

25' approx.

STATUS:

TYPE

Deck and abutment heavily damaged.

COMPENSATIVE ACTION:

None



Approved For Release 2002/03/17 D CM-TRAP78T05161A001600030001-9 25X1 CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Cao Nung RR. Bridge over 21 33N - 106 29E 25X1 Song Hoa XJ 554845 Bridge No. 2 on NF 48-12 North Vietnam BRIEF NO: 25X1 PIB 65352 NF 48-12 March 1966 0.4 nm SE of Cao Nung on the Hanoi-Dong Dang RR. LOCATION: DESCRIPTION: 25X1 MATERIAL Steel, concrete, and timber LENGTH NO. OF SPANS LENGTH OF EACH SPAN 1 @ 70' approx., 1 @ 60' approx. нтаім TYPE Deck 1 @ 45' approx. STATUS: Bridge consists of one original 70' steel/concrete deck span, one 45' and one 60' probable timber replacement spans; bridge is serviceable. COMPENSATIVE ACTION:

25X1

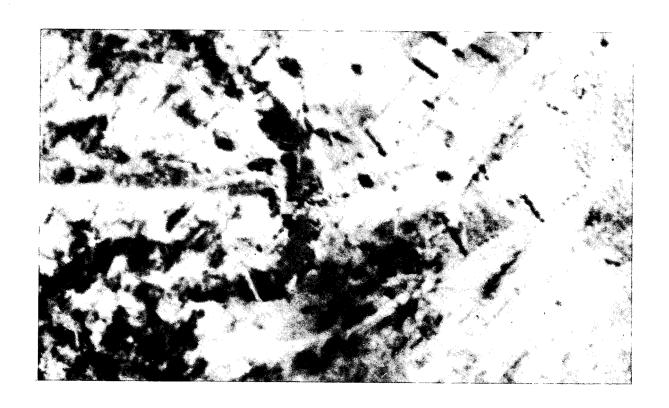


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		CIA II	MAGERY ANALYSIS DIVISION		
	NAME		COUNTRY	COORDINATES	
	Ban Na Noi	Hwy. Bridge		18 11N - 104 54E	
	Bridge No.	1L on NE 48-6	Laos	VF 900 110	
(1				BRIEF NO:	
				PIB 65353	
	МАР	AMS JOG 1501	NE 48-6	February 1966	
	LOCATION:				
	DESCRIPTION:	0.6 nm S. of Ban Na	Noi on Route 81		
(1	LENGTH		MATERIAL WOOG		
\ I	WIDTH	10' approx.	WOOC		
	TYPE	Deck probable	LENGTH OF EACH SPAN	probable	,
		Deck probable			2
	STATUS:	Completely destroye	. b		
			u.,		

COMPENSATIVE ACTION:

Probable ford



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25X1

25X1

CIA IMAGERY ANALYSIS DIVISION

NAME Ban Seng Phan Hwy. Bridge COUNTRY COORDINATES
17 29N - 105 42E
Bridge No. 16L on NE 48-11 Laos WE 747332

BRIEF NO:
PIB 65354
MAP AMS JOG (A) 1501 NE 48-11 March 1966

LOCATION:

O.1 nm SE of Ban Seng Phan on Route 23

DESCRIPTION:

LENGTH WIDTH TYPE 50' approx. 10' approx.

Probable deck

MATERIAL T

Timber

NO. OF SPANS 2 probable LENGTH OF EACH SPAN OF!

25' approx.

STATUS:

Destroyed

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Ban Bung Hwy. Bridge Bridge No. 38 on NF 48-10 21 26N - 104 03E North Vietnam VJ 021706 25X1 BRIEF NO: PIB 65355 March 1966 LOCATION: 0.6 nm SW of Ban Bung on Route 601 DESCRIPTION: 20' approx. LENGTH Timber NO. OF SPANS 1 probable LENGTH OF EACH SPAN 20' probable 25X1 WIDTH TYPE STATUS: Completely destroyed

Ford

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Ban Keng Sep Hwy. Bridge 16 49N - 106 05E Bridge No. 4L on NE 48-15 XD 165592 Laos BRIEF NO: 25X1 PIB 65356 March 1966 NE 48-15 0.75 nm NW of Ban Keng Sep on Route 91 LOCATION: DESCRIPTION: LENGTH 25' approx. MATERIAL Wood WIDTH NO. OF SPANS LENGTH OF EACH SPAN 25X1 Deck 25' approx. STATUS: Completely destroyed.

COMPENSATIVE ACTION:

Destroyed span now being used as a ford. Probable ford immediately upstream from bridge.



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Approved For Release 2062011/FIDENA-FAIP78T05161A001600030001-9

25X1

	CTA IMAGERY ANALYSIS DIVISION					
	NAME Dong Phong Thuong RR. & Hwy.	COUNTRY	COORDINATES			
25X1	Bridge Over Song Len Bridge No. 6 on NE 46-3	Transla Tra	19 58N - 105 50E			
	Dirage No. 0 on ME 40-3	North Vietnam	WH 886090			
25X1			BRIEF NO:			
			_ PIB 65357			
	MAP AMS L509 NE 48-3		T April 1966			
	LOCATION: At Dong Phong Thuong on Ho	not Winds Desil Time	T) - 1 770			

LOCATION: At Dong Phong Thuong on Hanoi-Vinh Rail Line and Route 119

DESCRIPTION:

25X1 WIDTH 525' approx.

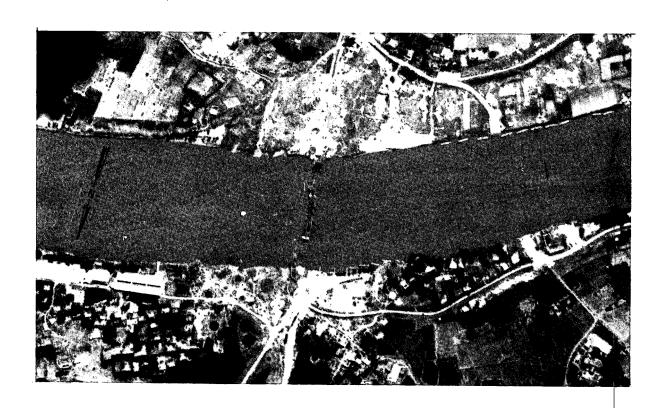
MATERIAL Steel and concrete No. OF SPANS 3 LENGTH OF EACH SPAN 175' approx.

STATUS:

All 3 spans destroyed; piers and abutments appear intact.

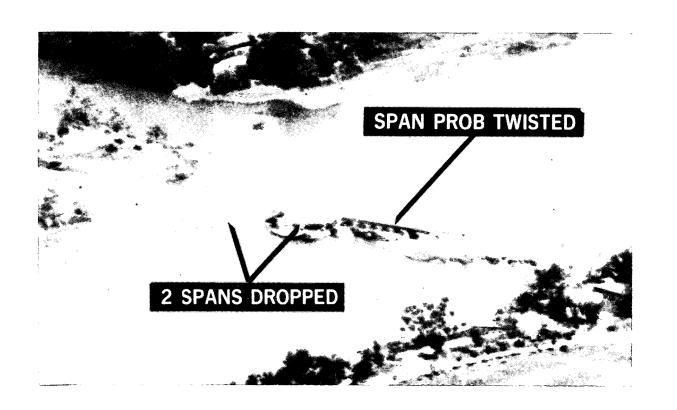
COMPENSATIVE ACTION:

Two by-pass bridges have been constructed.



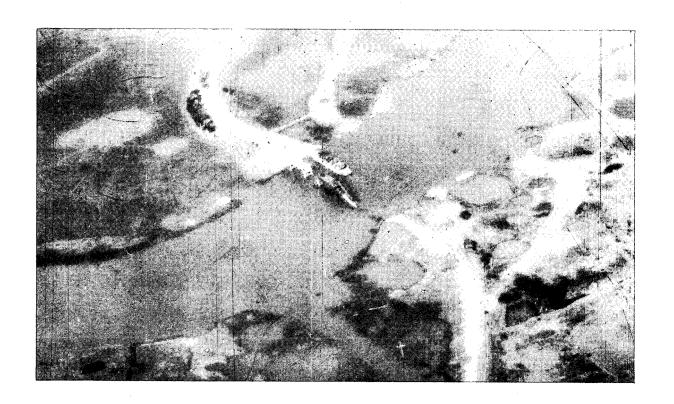
Approved For Release 200**E/04/17** DEMTRAP78T05161A001600030001-9

		CIA IMA	GERY ANALYSIS DIVISION	
25X1	Song Lap	y RR. Bridge over 8 on NF 48-15	North Vietnam	COORDINATES 20 32N - 105 55E WH 959721
25X1	MAP	AMS L509	NF 48-15	BRIEF NO: PIB 65358 March 1966
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	At Phu Ly on the Hano 240' approx. Deck beam		and concrete
	STATUS:		one span damaged, one a	butment damaged
	COMPENSATIVE	E ACTION:	None	



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		CIA IMAGER	RY ANALYSIS DIVISION	
	NAME Xom	Gia Hwy. Bridge over	COUNTRY	COORDINATES
25X1	Song Gia			18 25N - 105 48E
	Bridge No.	16 on NE 48-7	North Vietnam	WF 851362
25X1				BRIEF NO:
				PIB 65359
	MAP	AMS L509	NE 48-7	March 1966
	LOCATION:	0.2 nm NE of Xom Gia on	Route 1A	_
	DESCRIPTION:			
25X1	LENGTH WIDTH Type	250' approx. Deck & half through	NO. OF SPANS	nd concrete 120' approx., 3 - 35' approx
	STATUS:	truss 3 spans dropped, 1 - 20'	span and 1 - 35' span	1 - 20' approx. remaining.
	COMPENSATIVE	Ferry crossing adjusting at south		ying two trucks - others
25X1				



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Van Con Hwy. Bridge Bridge No. 42 on NE 48-3	North Vietnam	19 47N - 105 36E WG 640881 BRIEF NO:		
MAP AMS L509	NE 48-3	PIB 65360		

25X1

LOCATION:

O.1 nm NW of Ban Con on an unnumbered route

DESCRIPTION:

LENGTH WIDTH

STATUS:

50' approx.
10' approx.

TYPE

Deck

MATERIAL Probable concrete, steel, timber

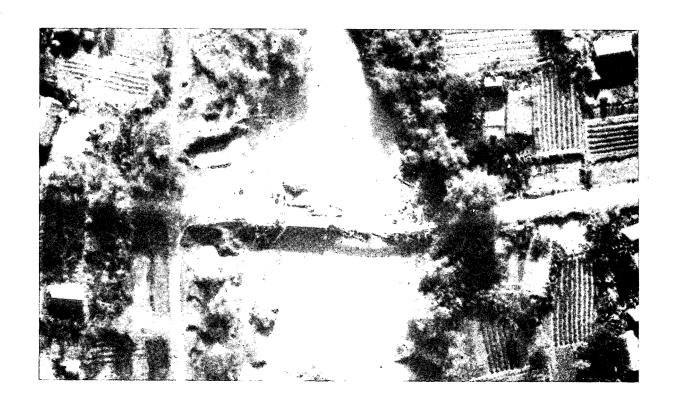
NO. OF SPANS
LENGTH OF EACH SPAN
25 approx.

2 probable

1 span and abutment completely destroyed

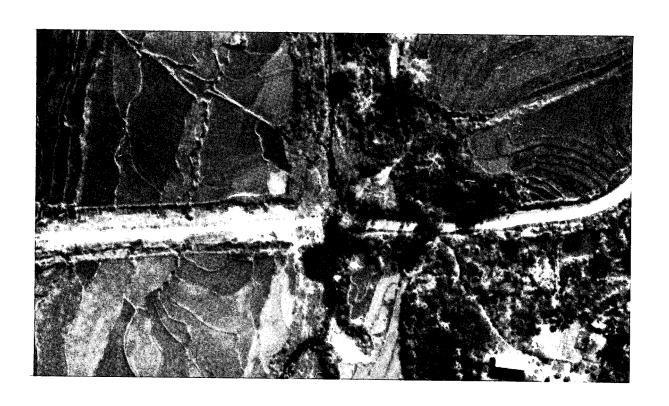
COMPENSATIVE ACTION:

A multi span (probable 3 span) timber deck bridge approx. 30' long and 5' wide connecting remaining former span with opposite shore.



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		CIA IM	AGERY ANALYSIS DIVISION		•
	NAME		COUNTRY	COORDINATES	-
	Lo Ti Hwy. Bridge No.	Bridge 7 on NF 48-14	North Vietnam	20 57N - 103 53E W 848167	
25X1	MAP	ANG TEO		BRIEF NO: PIB 65361	
	LOCATION:	AMS L509 0.6 nm WSW of Lo Ti	NE 48-14	March 1966	
25X1	DESCRIPTION: LENGTH WIDTH TYPE	Probable deck	NO. OF SPANS LENGTH OF EACH SPAN	le wood and concrete probable l	25>
	STATUS: COMPENSATIVE	Completely destroyed	l. Ford		



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CIA IMAGERY ANALYSIS DIVISION NAME Tu My Hwy. Bridge SW over stream stream North Vietnam WF 513468 Bridge No. 3 on NE 48-7 North Vietnam BRIEF NO: PIB 65362 April 1966

LOCATION: 0.5 nm SE of Hou Bang on Route 8.

DESCRIPTION:

25X1

25X1

LENGTH 160' approx.
WIDTH 15' approx.
Deck

MATERIAL Steel and concrete NO. OF SPANS 2 LENGTH OF EACH SPAN 80' approx.

STATUS:

Both spans destroyed; one pier destroyed.

COMPENSATIVE ACTION:

Foot bridge to immediate south of highway bridge, with apparent damage to center of bridge; foot bridge (intact) to immediate north of highway bridge; vehicle ford northeast of new intact foot bridge.

25X1



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Ban Khoua Pen Hwy. Bridge No. 2		18 14N - 105 OLE		
Bridge No. 7L on NE 48-7	Laos	WF 018167		
		BRIEF NO:		
		PIB 65363		
MAP AMS JOG (A) 1501	NE 48-7	March 1966		

25X1

LOCATION:

1.5 nm NNE of Ban Khoua Pen on Route 8

DESCRIPTION:

LENGTH

50' approx.

10' approx.

MATERIAL NO. OF SPANS Concrete and wood

WIDTH

ro abbr

LENGTH OF EACH SPAN

2 @ 15' approx.

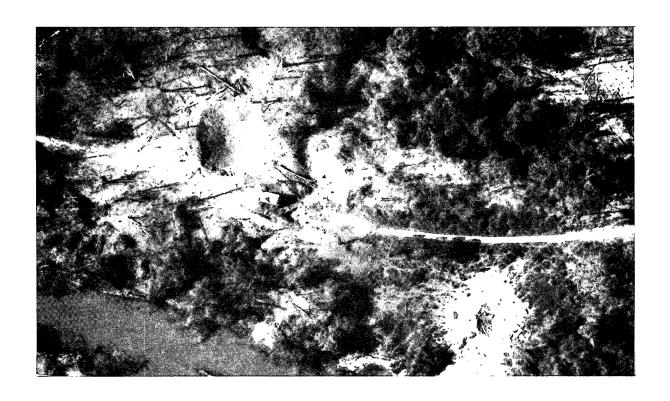
1 @ 20' approx.

STATUS:

1 span dropped, 1 span destroyed and 1 pier destroyed.

COMPENSATIVE ACTION:

Temporary wooden bridge.



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<u> </u>	CIA IM.	AGERY ANALYSIS DIVISION	1
N AME		COUNTRY	COORDINATES
Ban Na Bridge	Lia Hwy. Bridge No. 3L on NE 48-7	Laos	18 15N - 105 02E WF 042194
X1		•	BRIEF NO: PIB 65364
MAP	AMS JOG (A) 1501	NE 48-7	April 1966
LOCATION	: 1.3 nm WNW of Ban	Na Lia on Route 8	

1.3 nm WNW of Ban Na Lia on Route 8

DESCRIPTION:

width 10' approx. TYPE Deck

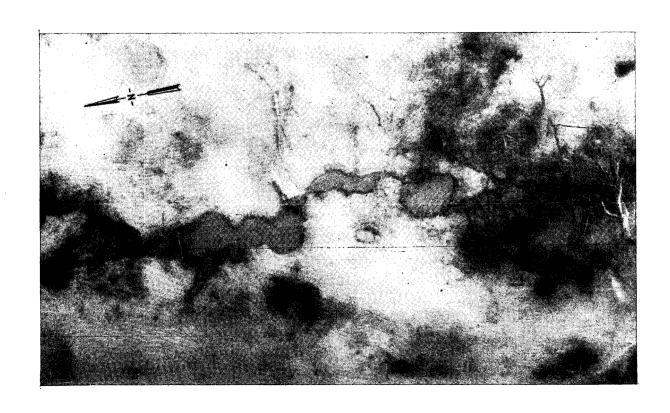
MATERIAL Probable concrete
No. of SPANS
LENGTH OF EACH SPAN 2 probable
20' approx.

STATUS:

1 span destroyed; other span damaged and off abutment.

COMPENSATIVE ACTION:

By-pass and ford



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	CIA IMA	GERY ANALYSIS DIVIS	ION
N AMÉ		COUNTRY	COORDINATES
Ban Khoua Pen Hwy. B	ridge No. l		18 13N - 105 OOE
Bridge No. 3L on NE	+8 - 6	Laos	WF 000146
			BRIEF NO:
			PIB 65365
MAP AMS JOG	(A) 1501	NE 48-6	March 1966
LOCATION: 0.8 nm 1	W of Ban Kho	ua Pen on Route 8.	

25X1

0.8 nm NW of Ban Khoua Pen on Route 8.

DESCRIPTION:

LENGTH

55' approx.

10' approx.

Deals

MATERIAL Wood and concrete
No. of spans
Length of Each span

55' approx.

WIDTH TYPE

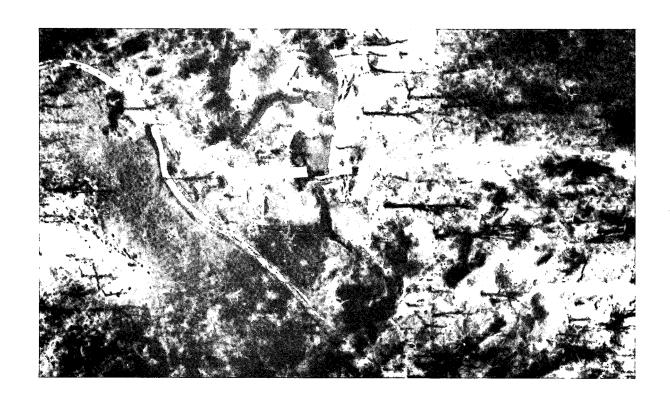
Deck

55' approx.

STATUS:

Destroyed. One abutment intact.

COMPENSATIVE ACTION:



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	CIA IMAGERY ANALYSIS DIVISI	ON
NAME	COUNTRY	COORDINATES
Ban N a Sa Lom Hwy. Bridge		18 16N - 105 03E
Bridge No. 4L on NE 48-7	Laos	WF 059212
X1		BRIEF NO:
^		PIB 65366
MAP JOG (A) 1501 NI	E 48-7	April 1966

LOCATION: 1.0 nm S of Ban Na Sa Lom on Route 8.

DESCRIPTION:

25X1

LENGTH 65' approx.

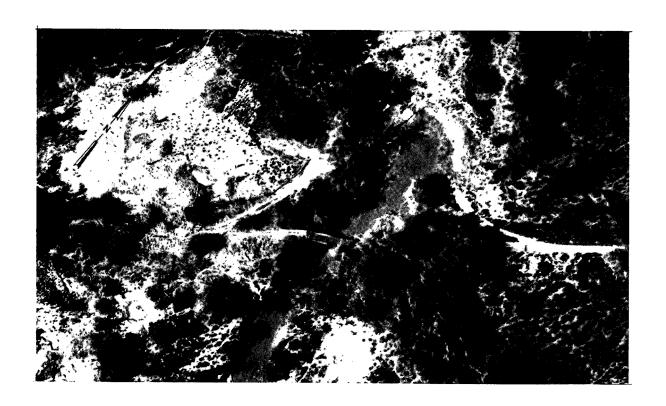
MATERIAL Concrete and steel
No. of Spans
Length of Each Span
1 @ 25' approx.
1 @ 40' approx.

STATUS:

1 span dropped.

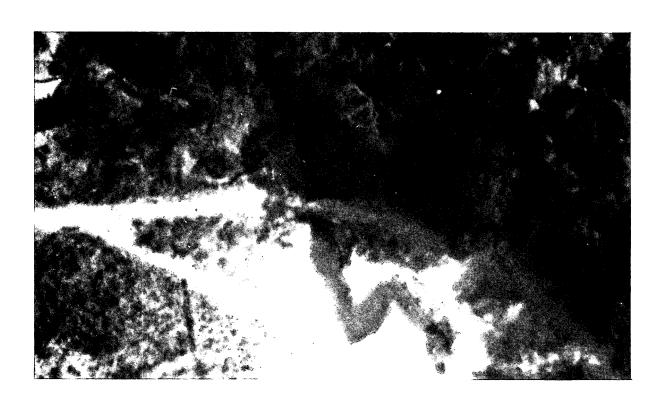
COMPENSATIVE ACTION:

Vehicle ford immediately north of bridge.



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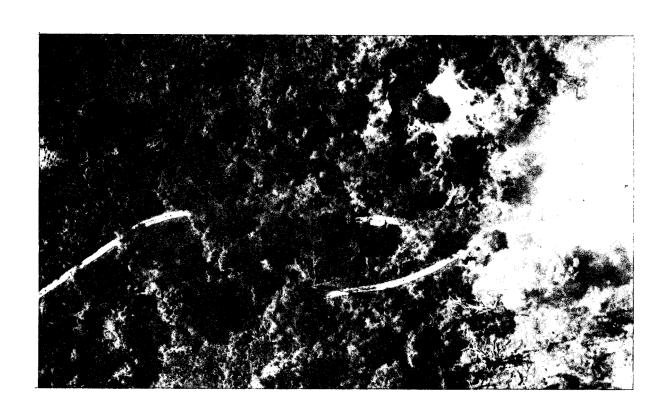
		CIA IMAG	ERY ANALYSIS DIVISION		
	NAME		COUNTRY	COORDINATES	
	Nape Hwy. Br Bridge No. 5	ridge No. 2 SL on NE 48-7	Laos	18 19N - 105 06E WF 117250	
25X1				BRIEF NO: PIB 65367	
	MAP	AMS JOG (A) 1501	NE 48-7	March 1966	
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	O.75 nm ENE of Nape of Deck	n Route 8 Material Concr No. of spans 1 LENGTH OF EACH SPAN	ete	25X1
	STATUS:	Span dropped. /	Ford		



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Approved For Release 2002/08/12 DEN FIAT 78T05161A001600030001-9

	CIA IMAGERY ANALYSIS DIVISION					
	NAME		COUNTRY	COORDINATES		_
	Lak Sao Hwy.	Bridge		18 12N - 104	59E	
	Bridge No. 2	L on NE 48-6	Laos	VF 980125		
25X1				BRIEF NO: PIB 65368		
	MAP	AMS JOG (A) 1501	NE 48-6	March 1966		
	LOCATION:	1.2 nm N of Lak Sao on	Route 8	<u> </u>		_
	DESCRIPTION:					
25X1	LENGTH		material Wood			
	WIDTH	10' approx.	NO. OF SPANS 2	1		
	TYPE	Deck	LENGTH OF EACH SPAN			25X1
	STATUS:	One span lightly damage	d, one span moderately	damaged; pier	intact.	
	COMPENSATIVE A	CTION:	Ford			



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CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Nape Temporary Timber Bridge 18 18N - 105 04E Bridge No. 6L on NE 48-7 Laos WF 081236 BRIEF NO: PIB 65369 JOG (A) 1501 NE 48-March 1966 MAP

LOCATION: DESCRIPTION:

25X1

LENGTH

WIDTH TYPE

30' approx. 10' approx.

Deck

Timber

NO. OF SPANS 2 probable LENGTH OF EACH SPAN

15'approx.

STATUS:

Completely destroyed.

At Ban Nape on Route 8

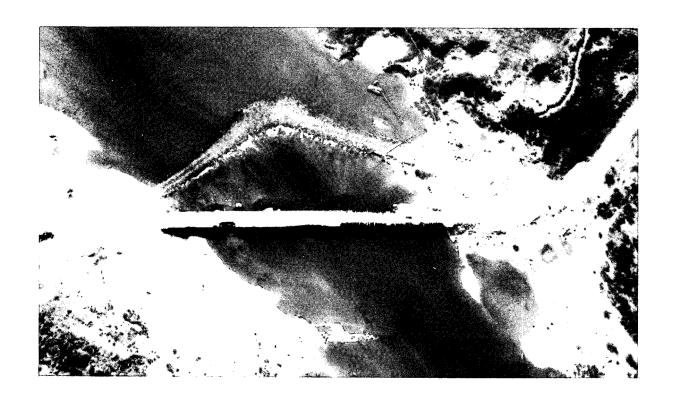
COMPENSATIVE ACTION:

None



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	CIA IMAGERY ANALYSIS DIVISION						
•	N AME		COUNTRY	COORDINATES			
	La Khe Tho	n Hwy. Bridge		18 03N - 105 49E			
	Bridge No.	60 on NE 48-7	North Vietnam	WE 872973			
25X1				BRIEF NO:			
, .] PIB 65370			
	MAP	AMS L509	NE 48-7	March 1966			
	LOCATION:	0.8 nm SE of La Khe Thon o	on Route 15				
	DESCRIPTION:						
25X1	LENGTH		MATERIAL Wood, concr	rete abutments and piers			
	WIDTH		NO. OF SPANS	-			
	TYPE	Deck	LENGTH OF EACH SPAN		25X1		
	STATUS:		<u> </u>				
		Bridge is being repaired					
	COMPENSATIV	E ACTION:	Torad				
			Ford				
25X1							
-							



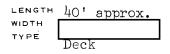
Approved For Release 2002/08(12) DEN RDP78T05161A001600030001-9

SERY ANALYSIS DIVISION	,
COUNTRY	COORDINATES
	21 25N - 103 44E
North Vietnam	UJ 688700
	BRIEF NO:
	PIB 65371
	April 1966
	COUNTRY

LOCATION: S edge of Ban Na Ty on Route 6.

DESCRIPTION:

25X1



MATERIAL Concrete and wood NO. OF SPANS 2 LENGTH OF EACH SPAN 20' approx.

STATUS:

Bridge totally destroyed. Bridge approaches severely interdicted.

COMPENSATIVE ACTION:

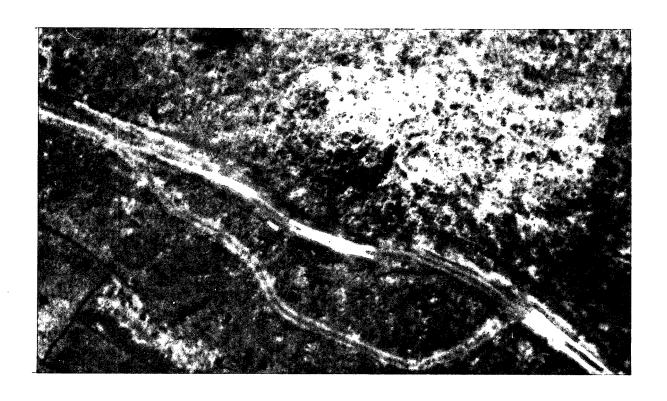
Vehicle fords to NE and SW of bridge.

25X1



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		CIA IM.	AGERY ANALYSIS DIVISION		
	NAME		COUNTRY	COORDINATES	
	Ban Song Hw Bridge No.	y. Bridge 39 on NF 48-10	North Vietn a m	21 00N - 103 48E UJ 759238	
25X1				BRIEF NO: PIB 65372	
	MAP	AMS L509	NF 48-10	March 1966	
25X1	DESCRIPTION: LENGTH WIDTH TYPE	Deck	MATERIAL WOOD AT NO. OF SPANS LENGTH OF EACH SPAN	nd concrete	25
	STATUS:	Completely destroyed	1.		
	COMPENSATIVE	ACTION:	Ford		



CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES 17 34N - 105 34E WE 680432 Ban Ta Lack Hwy. Bridge No. 2 Bridge No. 17L on NE 48-11 Laos BRIEF NO: 25X1 PIB 65373 MAP March 1966

LOCATION:

0.5 nm E of Ban Ta Lack on Route 12

DESCRIPTION:

LENGTH WIDTH TYPE

50' approx.

10' approx.

Deck

MATERIAL

Wood

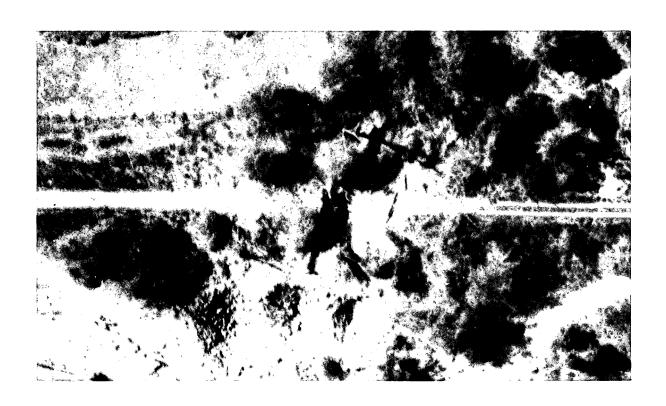
NO. OF SPANS LENGTH OF EACH SPAN

50' approx.

STATUS:

Completely destroyed. Abutments intact.

COMPENSATIVE ACTION:



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	CIA IM	AGERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Ban Na Thinh Bridge No. 2 Bridge No. 19L on NE 48-11		Laos	17 34N - 105 37E WE 662438
			BRIEF NO: PIB 65374
MAP	AMS L509	NE 48-11	March 1966
LOCATION: DESCRIPTION:	1.5 nm E of Ban Na	Thinh on Route 12	
LENGTH WIDTH TYPE	25' approx. 10' approx. Deck	MATERIAL WOOD NO. OF SPANS 1 LENGTH OF EACH SPAN	25' approx.

STATUS:

25X1

Deck severely damaged.

COMPENSATIVE ACTION:



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	CIAI	MAGERY ANALYSIS DIVISION	1
NAME		COUNTRY	COORDINATES
Ban Na Thi Bridge No.	nh Hwy. Bridge No. 3 20L on NE 48-11	Leos	17 34N - 105 36E WE 645438
			BRIEF NO: PIB 65375
MAP	AMS L509	NE 48-11	March 1966
LOCATION:	O.1 nm E of Ban Na	Thinh on Route 12	

DESCRIPTION:

25X1

LENGTH WIDTH

25' approx. 10' approx.

Deck

MATERIAL Wood NO. OF SPANS

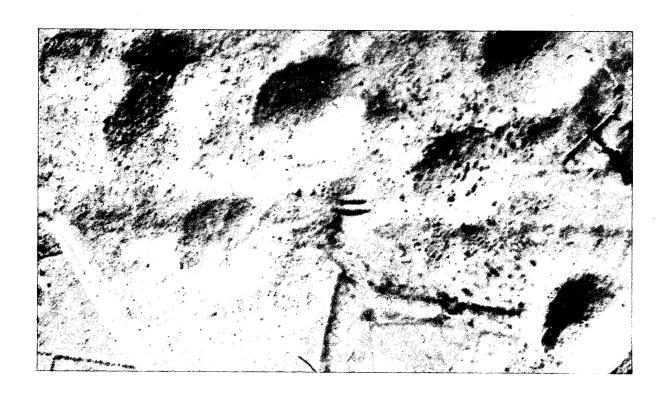
LENGTH OF EACH SPAN

25' approx.

STATUS:

Span severely damaged. Approach interdicted.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Ban Xang Hwy. Bridge 17 35N - 105 35E Bridge No. 21L on NE 48-11 WE 629443 Laos 25X1 BRIEF NO: PIB 65376 NE 48-11 AMS L509 March 1966 MAP 1.8 nm E of Ban Xang on Route 12 LOCATION: DESCRIPTION: LENGTH 20' approx. MATERIAL Wood WIDTH NO. OF SPANS 25X1 LENGTH OF EACH SPAN 20' approx. Deck STATUS: Moderate deck damage. COMPENSATIVE ACTION: Ford



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	C	IA IMAGERY ANALYSIS DIVISION	
•	N AME	COUNTRY	COORDINATES
	Ban Khileck Hwy. Bridge Bridge No. 22L on NE 48-11	Laos	17 35N - 105 31E WE 545437
X1	Birege No. 222 on Mar 10-22	12000	BRIEF NO:
// 1			PIB 65377
	MAP AMS L509	NE 48-11	March 1966

LOCATION:

0.1 nm W of Ban Thongmeng on Route 12

DESCRIPTION:

LENGTH WIDTH TYPE

25' approx. 10' approx.

Deck

MATERIAL WOOD NO. OF SPANS

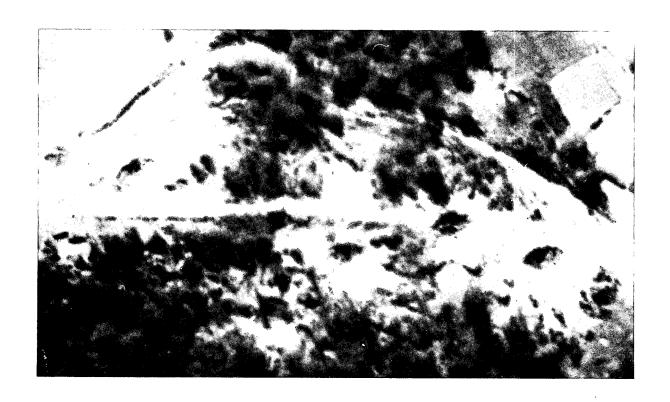
LENGTH OF EACH SPAN

25' approx.

STATUS:

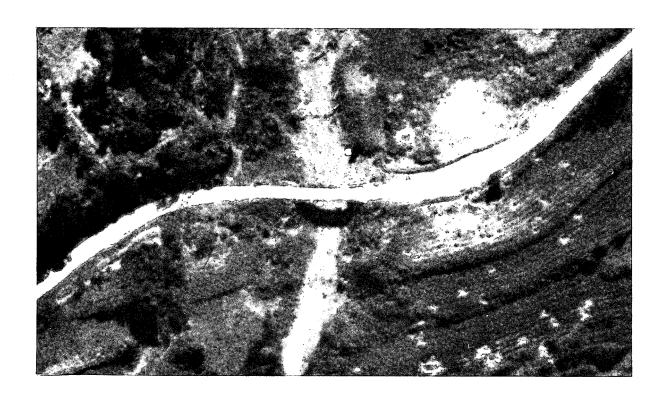
Span dropped.

COMPENSATIVE ACTION:



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	CIA IMAGERY ANALYSIS DIVISION						
•	NAME		COUNTRY	COORDINATES			
_	Trai Mo Hwy. Bridge No. 7	Bridge 3 on NE 48-7	North Vietnam	18 30N - 105 23E WF 408457			
25X1				BRIEF NO: PIB 65378			
	MAP	AMS L509	NE 48-7	March 1966			
	LOCATION:	0.5 nm SW of Trai Mo on	Route 8				
25X1	LENGTH WIDTH TYPE	55' approx. Deck	material Concrete no. of spans 1 length of each span	55' approx.			
	STATUS:	Repaired; serviceable.					
	COMPENSATIVE A	CTION:					
25X1							



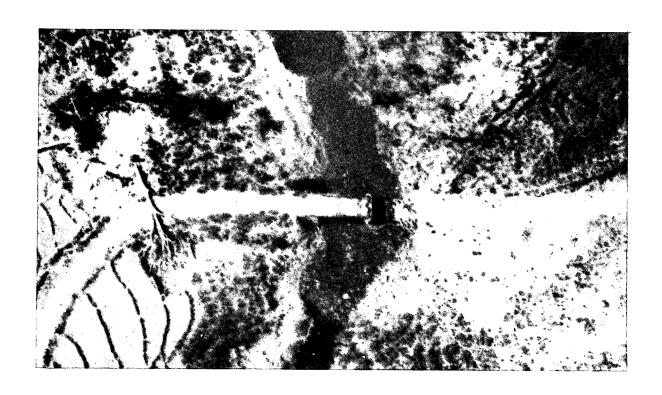
Approved For Release 200200014 PD 12014 RDP 78T05161A001600030001-9

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES 18 12N - 104 50E Ban Bo Hwy. Bridge Bridge No. 5L on NE 48-6 VF 828134 Laos 25X1 BRIEF NO: PIB 65380 NE 48-6 March 1966 AMS JOG (A) 1501 At Ban Bo on Route 81 LOCATION: DESCRIPTION: LENGTH 50' approx. MATERIAL Timber NO. OF SPANS WIDTH 25X1 LENGTH OF EACH SPAN 25' approx. STATUS: One span destroyed. COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Muong Hom Hwy. Bridge 20 40N - 104 23E Bridge No. 1L on NF 48-14 VH 370861 Laos 25X1 BRIEF NO: PIB 65381 March 1966 AMS JOG (A) 1501 NF 48-14 LOCATION: O.l nm E of Muong Hom on Route 6 DESCRIPTION: LENGTH 70' approx. MATERIAL Concrete, timber, and steel WIDTH NO. OF SPANS 25X1 LENGTH OF EACH SPAN 35' approx. Deck STATUS: 1 span destroyed. COMPENSATIVE ACTION: Ford



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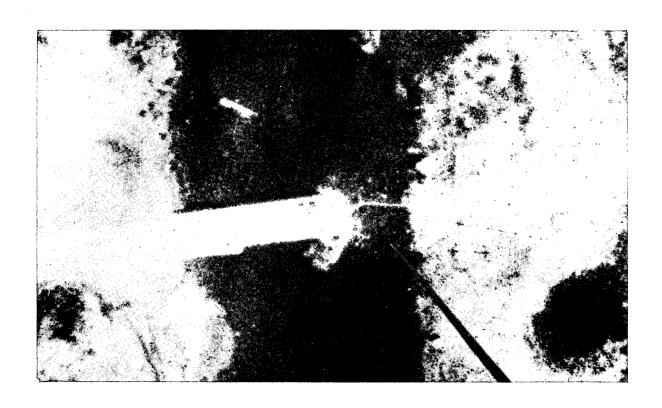
		CIA IMAGE	RY ANALYSIS DIVISION	
	NAME Kim Na	ac Hwy. Bridge over	COUNTRY	COORDINATES
		de my: Bridge etter		18 13N - 106 02E
	stream Bridge No. 2	3 on NE 48-7	North Vietnam	SF 100155
	Dirage No. 2.	3 021 242 10 1		BRIEF NO:
25X1				PIB 65382
	MAP	AMS L509	NE 48-7	March 1966
	LOCATION:	0.3 nm NE of Kim Nac on	n Route LA	
	DESCRIPTION:		,	
	LENGTH WIDTH TYPE	90' approx. 10' approx. Deck	MATERIAL Concrete p NO. OF SPANS LENGTH OF EACH SPAN	robable 2 probable 45' approx.
	STATUS:	The one destroyed span	has been repaired, bri	dge is now serviceable.
	COMPENSATIVE	ACTION:	Ford	
25X1				



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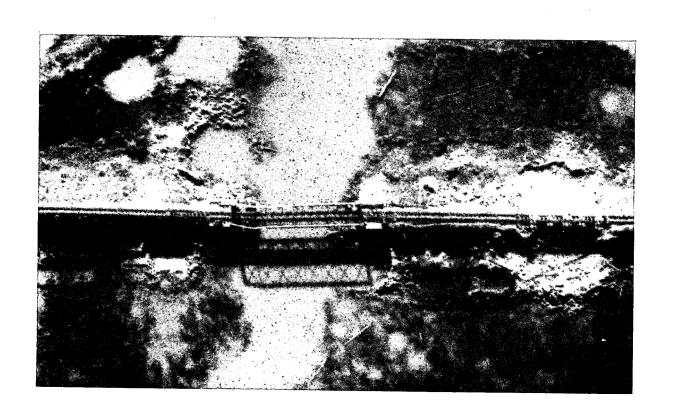
CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Canh Trap Hwy. Bridge 19 13N - 104 32E 25X1 over stream VG 514251 Bridge No. 12 on NE 48-2 North Vietnam BRIEF NO: 25X1 PIB - 65383 March 1966 MAP AMS L509 LOCATION: 0.1 nm W of Canh Trap on Route 7 DESCRIPTION: LENGTH 60' approx. Wood NO. OF SPANS WIDTH 10' approx. LENGTH OF EACH SPAN TYPE Deck STATUS: One span destroyed, one pier and one abutment damaged. COMPENSATIVE ACTION: By-pass ford

25X1



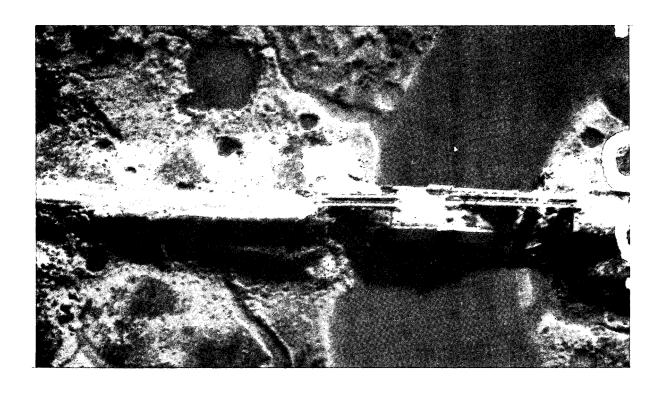
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		CIAIA	AACERY ANIAL VEIC DIVICION	
N	AME The The		MAGERY ANALYSIS DIVISION	
	THO TY	ang RR. Bridge	COUNTRY	COORDINATES
5X1 <u>L</u> <u>B:</u>	ridge No. 1	4 on NE 48-3	North Vietnam	19 09N - 105 37E WG 649181
5X1				BRIEF NO:
				PIB 65384
-	МАР	AMS L509	NE 48-3	March 1966
L	OCATION:	0.5 nm SE of Tho Tr	ang on the Hanoi-Vinh Ra	il Line
D	ESCRIPTION:			
	LENGTH WIDTH Type	60' approx. Single track Half-thru truss	MATERIAL Steel NO. OF SPANS 1 LENGTH OF EACH SPAN	60' approx.
ST	ratus:			
		Repaired; servicea	ble.	~
co	OMPENSATIVE A	CTION:		
5x√				
'`				

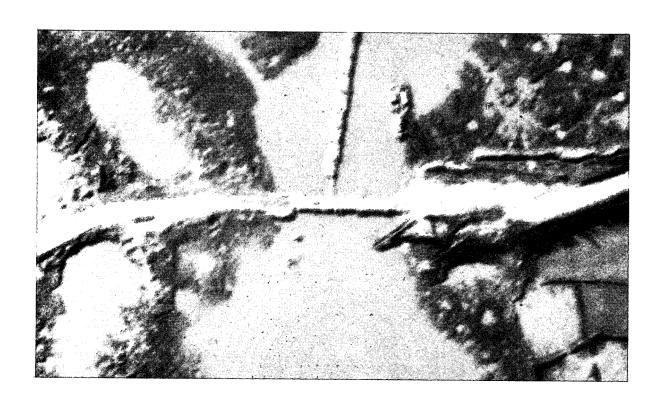


Approved For Release 2002/08/17 DENTRAP78T05161A001600030001-9

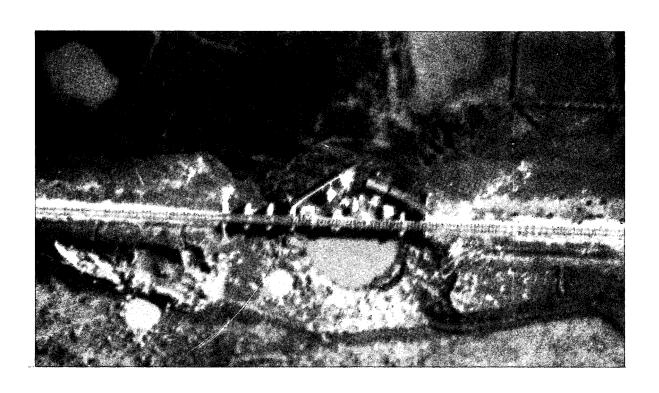
,	CIA IMAGERY ANALYSIS DIVISION				
	NAME Lan Tra	a Hwy. Bridge over Song	COUNTRY	COORDINATES	
25X1				19 21N - 105 43E	
	Bridge No. 30	O on NE 48-3	North Vietnam	WG 765405	
25X1				BRIEF NO:	
				PIB 65385	
	MAP	AMS L509	NE 48-3	March 1966	
	LOCATION:	0.4 nm W of Phong Bai or	n Route LA		
	DESCRIPTION:				
	LENGTH Width Type	80' approx. 10' approx. Deck	MATERIAL Timber and NO. OF SPANS LENGTH OF EACH SPAN 20	4	
	STATUS:	Three spans dropped.			
	COMPENSATIVE A	CTION: Timber planking ac	cross dropped spans; br	idge serviceable.	
25X1					



	CIA IMAGERY ANALYSIS DIVISION				
	NAME Phuc T	hiem Hwy. Bridge	COUNTRY	COORDINATES	
25X1	Bridge No. 2	on NE 48-7	North Vietnam	18 57N - 105 34E WF 602965	
25X1				BRIEF NO: PIB 65386	
	MAP	AMS L509	NE 48-7	March 1966	
	LOCATION:	1.0 nm W of Phuc Thiem	on Route 7		
	DESCRIPTION:				
25X1	LENGTH WIDTH Type	75' approx.	MATERIAL Timber No. of spans 5 approx.		
20/(1	1172	Deck	LENGTH OF EACH SPAN 15	approx.	
	STATUS:				
		A serviceable timber brathis site.	idge replacement for th	e original bridge at	
	COMPENSATIVE A	ACTION:			
25X1					



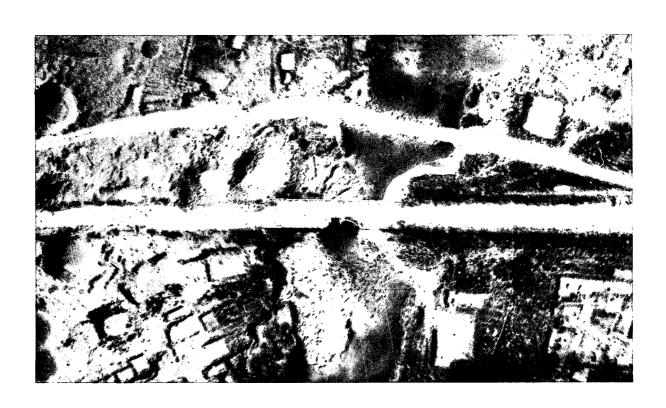
	CIA IMAGERY ANALYSIS DIVISION				
25X1		c RR. Bridge l on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 75N - 105 35E WF 614959	
25X1	MAP	AMS L509	NE 48-7	BRIEF NO: PIB 65387 March 1966	
	LOCATION:	0.7 nm NE of Phu Hau on	the Hanoi-Vinh Rail L	ine	
	LENGTH WIDTH TYPE	135' approx. Single track Deck	MATERIAL Steel and NO. OF SPANS 9 LENGTH OF EACH SPAN 1	concrete 5' approx.	
	STATUS:	Repaired; serviceable.			
	COMPENSATIVE A	CTION:			
25X1					



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CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Quven Hoanh Hwy. Bridge SW 2 25X1 18 03N - 106 19E XE 401965 on NE 48-7 North Vietnam BRIEF NO: 25X1 PIB 65388 March 1966 LOCATION: 1.8 nm W of Yen Hung on Route LA DESCRIPTION: LENGTH MATERIAL 80' approx. Concrete WIDTH 25X1 LENGTH OF EACH SPAN 40' approx. Deck STATUS: One span damaged. COMPENSATIVE ACTION:

Ford



_	CIA IMAGERY ANALYSIS DIVISION				
25X1	NAME Hoan Lao Hwy. Bridge	W. COUNTRY	COORDINATES		
	Bridge No. 25 on NE 48-12	North Vietnam	XE 615455		
25X1			BRIEF NO: PIB 65389		
	MAP AMS L509	NE 48-12	March 1966		
	LOCATION: 0.5 nm SW of X	om Chua on Route 107.			
	DESCRIPTION:				
25X1	width TYPE LENGTH 170' approx. Deck	MATERIAL Wood deck NO. OF SPANS 6 LENGTH OF EACH SPAN	with concrete piers 4 @ 30' approx., 2 @ 25' approx.		
·	l span intact. 4 spans comple	l span servicéable with sli tely destroyed. 4 piers inta	ight damage to decking. act. South abutment destroyed.		
	COMPENSATIVE ACTION: Ford				
25X1					



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CIA IMAGERY ANALYSIS DIVISION Bridge E. COUNTRY COORDINATES Hai Duong RR. & Hwy. 20 58N - 106 23E 25X1 over Song Rang XJ 446195 Bridge No. 17 on NF 48-15 North Vietnam 25X1 BRIEF NO: PIB 65390 NF 48-15 March 1966 MAP AMS L509 LOCATION: 4.3 nm NE of Hai Duong on the Hanoi-Haiphong Rail Line DESCRIPTION: LENGTH 440' approx. Steel and concrete WIDTH 20' approx. TYPE LENGTH OF EACH SPAN 1 @ 220' Half-thru truss l continuous span @ 220' STATUS:

Possible light damage to one span.

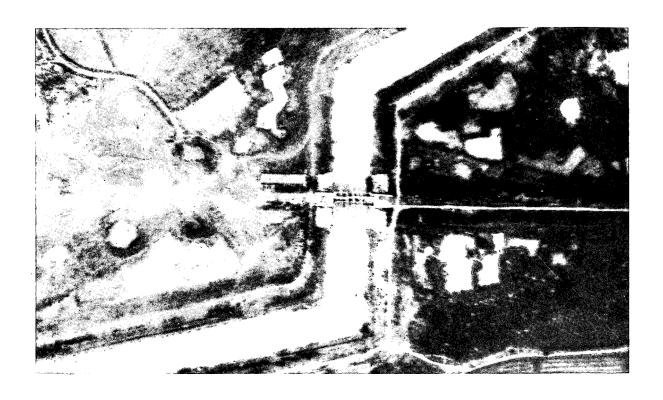
COMPENSATIVE ACTION:



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	CIA IMAGERY ANALYSIS DIVISION						
	NAME Thuong Giap R Bridge No. 38		COUNTRY North Vietnam	COORDINATES 18 29N - 105 35E WF 623449	•		
25X1	мар	AMS L509	NE 48-7	BRIEF NO: PIB 65391 March 1966			
	LOCATION:	0.8 nm W of Thuong Gia	p over canal on the Vir	nh-Dong Hoi Rail Line	-		
25X1	DESCRIPTION: LENGTH WIDTH TYPE	10' approx. Deck	MATERIAL CONCRET NO. OF SPANS LENGTH OF EACH SPAN	te and steel 1	25X1		
	STATUS:	Repaired and serviceab	le; approach interdict	ted.			
	COMPENSATIVE AC	TION:	None				
25X1				ŕ			



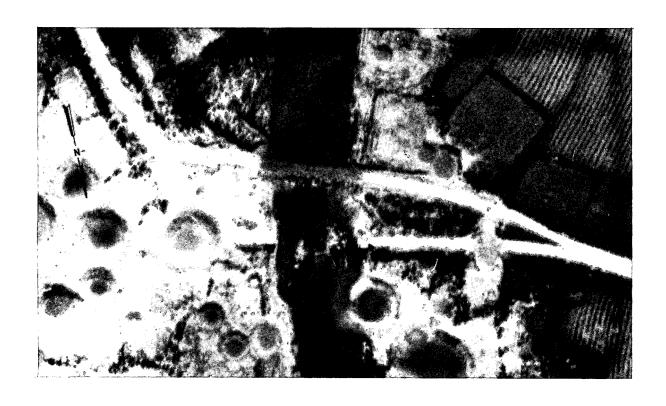
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	CIA IMAGERY ANALYSIS DIVISION					
•	NAME Truons	g Quang Tien RR. Bridge	COUNTRY	COORDINATES		
25X1	over Song Ye	en		19 37N - 105 42E		
	Bridge No.	37 on NE 48-3	North Vietnam	WG 736696		
25X1			• • • • • • • • • • • • • • • • • • • •	BRIEF NO: PIB - 65392		
L	MAP	AMS L509	NE 48-3	March 1966		
•	LOCATION:	1.2 nm E of Truong Quan	g on the Hanoi-Vinh Ra	il Line		
	DESCRIPTION:					
	LENGTH	195' approx.	MATERIAL Steel			
	WIDTH	Single track	NO. OF SPANS			
	TYPE	Deck type girder	LENGTH OF EACH SPAN	5' approx.		
	STATUS:					
		Repaired and serviceabl	e for rail traffic.			
	COMPENSATIVE	ACTION:				
\-\/4[1				
25X1						



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		CIA	IMAGERY ANALYSIS DIVISION	
-	NAME		COUNTRY	COORDINATES
	Trach Ha	u Hwy. Bridge		18 02N - 106 24E
_	Bridge 1	No. 45 on NE 48-7	North Vietnam	XE 482948
5X1				BRIEF NO:
"`'				PIB 65393
	MAP	AMS L509 NE 48-7		April 1966
	LOCATION:	0.5 nm S of Trach Ha	u on Route LA.	
	DESCRIPTIO	N:		
	LENGTH	80' approx.	MATERIAL Concrete	
- \/ 4	WIDTH		NO. OF SPANS Q	
X1	TYPE	Deck	LENGTH OF EACH SPAN	10' approx
			_	opprom.
	STATUS:			
	Comp	letely destroyed.		
	COMPENSATI	VE ACTION:		
	Exis	ting ford and constru	ction of a by-pass road ar	nd bridge with 5
	prob	able spans.		
	_	-		
- V4				
5X1				



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Cl.	A IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Yen Hung #1 Hwy. Bridge Bridge No. 22 on NE 48-7	North Vietnam	18 03N - 106 20E XE 405957
5X1		BRIEF NO:
)^		PIB 65394
MAP AMS 1509 NE 48-7		April 1966

LOCATION: 1.5 nm SW of Yen Hung on Route 1.

DESCRIPTION:

VIDTH TYPE 50' approx.

15' approx.
Deck

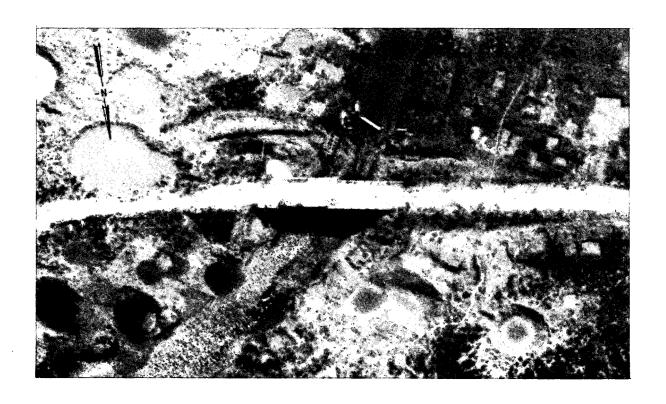
MATERIAL Concrete
NO. OF SPANS
LENGTH OF EACH SPAN
25' approx.

STATUS:

Minor deck damage; spans out of alignment over center pier; serviceable.

COMPENSATIVE ACTION:

None



CIA IMAGERY ANALYSIS DIVISION Ban Na Thene Hwy. Bridge over COUNTRY COORDINATES 25X1 Nam Keng 20 27N - 104 11E Bridge No. 2L on NF 48-14 Laos VH 153615 BRIEF NO: PIB 65395 AMS JOG (A) 1501 March 1966 LOCATION:

25X1

1.1 nm WNW of Ban Na Thene on Route 65

DESCRIPTION:

LENGTH WIDTH

TYPE

65' approx.

unknown

unknown

material unknown
no. of spans probably 2
LENGTH OF EACH SPAN 65 approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Ford



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	CIA IMAGERY ANALYSIS DIVISION					
25X1	NAME Lang Ke Na Bong Hwy. Bridge over Nam Xia Bridge No. 4 on NF 48-15	North Vietnam	COORDINATES 20 34N - 105 01E WH 020752			
25X1	MAP AMS L509 NF 48-15 LOCATION: 1.6 nm NE of Leng Ke Na Bong	g on an unnumbered rout	BRIEF NO: PIB 65396 April 1966			
25X1	DESCRIPTION: LENGTH WIDTH 10' approx. TYPE Deck	MATERIAL Wood and con NO. OF SPANS 6 LENGTH OF EACH SPAN	crete 25			
	STATUS: 3 spans and 2 piers totally dest moderately to heavily damaged;					
	COMPENSATIVE ACTION:					
	Foot bridge 230' NE of bridge.					
25X1						



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	CIA IMAGERY ANALYSIS DIVISION				
	NAME Dong Bai RR. Bridge over	COUNTRY	COORDINATES		
25X1	Song Tiem Bridge No. 11 on NE 48-7	North Vietnam	18 09N - 105 43E WF 762079		
25X1			BRIEF NO:		
	MAP AMS L509 NE 48-7		PIB 65397		
•	1001 H)09 INE 40=		April 1966		

LOCATION: 0.4 nm NNE of Dong Bai on Vinh-Dong Hoi Rail Line.

DESCRIPTION:

LENGTH 230' approx.
WIDTH Single track
Deck

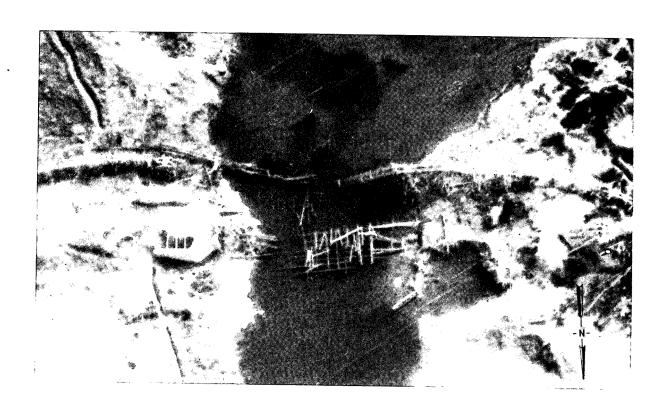
MATERIAL Wood
NO. OF SPANS 5 probable
LENGTH OF EACH SPAN 4 @ 50' approx.
1 @ 30' approx.

STATUS:

l span warped; 3 spans dropped. l span destroyed; abutments destroyed;
l approach interdicted.
COMPENSATIVE ACTION:

None

25X1 [



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_	CIA IMAGERY ANALYSIS DIVISION								
		Duc Thon RR. Bridge over	COUNTRY	COORDINATES					
25X1	Khe Ba G Bridge N	o. 7 on NE 48-7	North Vietnam	18 03N - 105 50E WE 886964					
25X1				BRIEF NO: PIB 65398					
	MAP	AMS L509 NE 48-7		April 1966					
-	LOCATION:	0.5 nm NW of Bai Duc Thon	on the Duc Tho-Tan Ap 1	railway.					
	DESCRIPTION	<u> :</u>							
25X1	LENGTH WIDTH TYPE	Single track Deck-Beam with lattice towers	MATERIAL WOOD NO. OF SPANS 12 LENGTH OF EACH SPAN		25X1				
	STATUS:								
	5 sp	ans dropped. 2 spans heavi	ly damaged. One approa	ach cratered.					
	Wood	en deck-beam bridge under c	onstruction 100' west o	of the bombed bridge.					
25X1									



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		ERY ANALYSIS DIVISION		
NAME Lar	ng Bun RR. Bridge over	COUNTRY	COORDINATES	_
Ngoi Bor	n		22 09N - 104 23E	
Bridge D	No. 1 on NF 48-6	North Vietnam	VK 368493	
			BRIEF NO:	
			PIB 65399	
MAP	AMS L509 NF 48-6		May 1966	
LOCATION:	O.1 nm NW of Lang Bun on	the Hanoi-Lao Cai Rail	Line.	
DESCRIPTION	ı:			
LENGTH		material Wood proba	hle	
WIDTH		NO. OF SPANS 4	210	
TYPE	Deals town of the	LENGTH OF EACH SPAN		25X
	Deck-type beam with			23/
	lattice towers	<u> </u>		
STATUS:	2 1 2			
rwo sr	ans destroyed.			
Two sp	eans destroyed.			
COMPENSATI	VE ACTION:			

